



FACULTY OF HEALTH SCIENCES &
VETERINARY MEDICINE

School of Allied Health Sciences



Prospectus 2024
UNIVERSITY OF NAMIBIA

**UNIVERSITY OF NAMIBIA
SCHOOL OF ALLIED HEALTH SCIENCES
STRUCTURE AND PERSONNEL**

OFFICE OF THE DEAN

Dean & Founding Dean School of Medicine	Prof J Hall
Associate Dean School of Pharmacy	Prof C Wilders
Faculty Manager	Mr A Fledersbacher
Campus Administrator	Ms D Titus
Faculty Officer	Ms A Shipanga
Administration Officer	Ms R Herman
Examination Officer	Mr. W Van Wyk
Student Records Officer	Mr M Nowaseb
Student Support Officer	Mr A Ngwaagwama
Security Officer	Mr H Nakadiva
ICT Officer	Mr A Shikongo
Network Administrator	Mr S Shilongo

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Matters regarding specific subjects and departments should be addressed to the relevant Head of Department.

ACADEMIC CALENDAR – UNAM CORE DATES 2024

11 January 2024	University Open
23 January	Academic Staff Resumes Office Duties
25 March	Vacation School Commerce for Distance Student (Until 28 March)
28 March	First Semester BREAK Commences for Students (Until 2 April)
3 April	Lectures Commence After FIRST SEMESTER BREAK
12 July	End of First Semester
15-19 July	Mid-Year Break

DATE SECOND SEMESTER 2

26 August	Second semester BREAK for student commences (Until 31 August)
27 August	Institutional Holiday
28 August	Vacation School Commerce for distance student (Until 30 August)
02 September	Lectures commence after SECOND SEMESTER BREAK
06 December	End of Second Semester
13 December	End of Academic Year
9 January	University opens for 2025 academic year
21 January	Academic staff resumes office duty for 2025 academic year

2.3.1 Cancellation Dates for 2024

CANCELLATION DATES	
DATE	DESCRIPTION
05 February	Last day to cancel core semester modules with 100% credit – New curriculum students
16 February	Last day to cancel core semester modules with 50% credit – New curriculum students
23 February	Last day to cancel core semester modules – New curriculum students
23 February	Last day to cancel Semester 1 and year modules with 100% credit – Old curriculum students
15 March	Last day to cancel first semester and year modules with 100% credit – New curriculum students
15 March	Last day to cancel first semester modules with 50% credit – Old curriculum students
12 April	Last day to cancel first semester and year modules with 50% credit – New curriculum students
30 April	Last day to cancel FIRST SEMESTER MODULES – All students.
08 July	Last day to cancel year modules with 50% credit – All students
09 August	Last day to cancel second semester with 100% credit – All students
02 September	Last day to cancel second semester with 50% credit – All students
30 September	Last day to cancel second semester and year modules – All Students

2.3.2 General Due dates for students – 2024 Academic Year

GENERAL DUE DATES FOR STUDENTS	
DATE	DESCRIPTION
17 January	Last day to apply for remark for the second semester and year modules of First and Second opportunity examinations of November 2023)
18 January	Last day to apply to write promotional examination
18 January	Last day to apply for the retention of continuous assessment (CA) marks
24 January	Last day to approve promotional examinations applications by Schools
09 February	Last day for application of module(s) exemptions – New Curriculum Students
09 February	Last day for approval of module(s) and qualification changes – New Curriculum Students
16 February	Last day for application of module(s) exemptions – Senior Students
16 February	Last day for approval of module(s) and qualification changes – Senior Students
23 February	Last day for approval of module(s) exemptions – New Curriculum Students
08 March	Last day for approval of module(s) exemptions – Senior Students
30 April	Last day to change offering types

NOTE

This Prospectus is valid for 2024 only. Regulations and curricula for 2024 may be amended. General regulations and information appear in the general information and regulations prospectus

GENERAL INFORMATION AND REGULATIONS PROSPECTUS.

Although the information contained in this Prospectus has been compiled as accurately as possible, Council and Senate accept no responsibility for any errors and omissions, which may occur. The University retains the right to amend any regulation or condition without prior notice.

The information is correct up to 31 October 2024

The fact that particulars of a specific module or field of study have been included in this Prospectus does not necessarily mean that such module or field of study will be offered in 2024 or any consecutive year.

This Prospectus must be read in conjunction with the **General Information and Regulations Prospectus.**

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PREAMBLE

The Department of Occupational therapy and Physiotherapy was established to help meet the physical rehabilitation and functional needs of the Namibian population, across the lifespan and throughout all phases of recovery, to contribute towards shaping an occupationally just Namibian society which offers equitable opportunities for participation and develop, maintain and restore maximum movement and functionality, maximising physical potential.

Faculty and students alike value equity, integrity, accountability, and professionalism in the following ways:

- Equity: We remain in awe of the diversity of our society and treat all our patients, participants, team members and stakeholders fairly and patiently.
- Integrity: We remember that each person matters as much as all of us together; so, we fiercely safeguard honesty, openness, trustworthiness, reliability, dependability and loyalty.
- Accountability: We appreciate the potential within and among us and the opportunities around us; these we foster through due diligence, transparency, responsibility, commitment and stewardship.
- Professionalism: We respect our responsibilities and the contributions of our participants and protect these through pursuing excellence, effectiveness, kindness, politeness and ethics in all we do.

VISION

To be a center of sustainable and innovative occupational therapy and physiotherapy training which incorporates clinical research to facilitate community development.

MISSION

To foster the development of resilient, ethically accountable, culturally competent occupational therapists and physiotherapists who implement evidence-based, outcome-based and person-centered practice, by establishing interprofessional learning communities and collaborative practice platforms.

PURPOSE

The Department of Occupational Therapy and Physiotherapy is concerned with collaborative training of health professionals who are skilled at promoting optimal health and well-being, preventing ill-health and disability, and restoring maximum functional ability of individuals within their environment across their lifespan.

We are well positioned for fostering interprofessional- and inter-sectoral collaborations focused on analyzing and addressing Namibia's health and participation needs through innovative education, research, and community service. Over-arching outcomes of such collaborations are envisioned to articulate with the reduction of the disability burden and the improvement of quality of life.

GENERAL INFORMATION

- Students must register at the University as per the requirements of the University.
- The award of the degree is subject to candidates credited with all compulsory credits and who have met all the requirements of the degree programme.
- The award of the degree is subject to the satisfactory completion of the prescribed clinical hours and the satisfactory completion of clinical portfolios.
- All clinical documents are regarded as legal documents and should bear the signature of the student or the student and academic supervisor/clinician supervising the student.
- The clinical hours for the year must be completed before registering for the next academic year.
- The student must work under direct or indirect supervision of qualified personnel when doing clinical work.
- Lectures and practical will be given during the normal working day.
- Clinical working hours will be determined by the need of the specific clinical placement.
- Placement orientation will be conducted at the beginning of the clinical modules.
- Students will be required to conform to prescribed registrations with the Allied Health Professions Council of Namibia and its regulations.
- General information appears in the General Information and Regulations Prospectus

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Matters regarding specific subjects and departments should be addressed to the Head of Department:

DEPARTMENT OF OCCUPATIONAL THERAPY AND PHYSIOTHERAPY: STAFF MEMBERS

DEPARTMENT OF OCCUPATIONAL THERAPY AND PHYSIOTHERAPY

HEAD OF DEPARTMENT: DR TONDERAI W SHUMBA

LECTURERS: OCCUPATIONAL THERAPY PERMANENT ACADEMIC STAFF

SENIOR LECTURERS

Vacant

LECTURERS: OCCUPATIONAL THERAPY PERMANENT ACADEMIC STAFF

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MR MUNYARADZI CHIMARA: PHD OCCUPATIONAL THERAPY (ONGOING), MPHIL, B. OCCUPATIONAL THERAPY

MS LIAN-MARIE DROTSKY: M.SC. OCCUPATIONAL THERAPY (UCT); B. OCCUPATIONAL THERAPY (UP); MANAGEMENT IN HEALTH & WELFARE (CERTIFICATE SHEFFIELD HALLAM UNIVERSITY) REGISTERED FOR PHD PUBLIC HEALTH (2024 ONGOING)

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ASSISTANT LECTURERS:

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MS KARLIEN BURGER B. OCCUPATIONAL THERAPY DEGREE

MS CHARNE SHIMWINO: BSC. OCCUPATIONAL THERAPY. MSC. OCCUPATIONAL THERAPY - ONGOING.

LECTURERS: PHYSIOTHERAPY PERMANENT ACADEMIC STAFF

SENIOR LECTURERS

DR TONDERAI W SHUMBA: 2022 INTERNATIONAL FAIMER FELLOW, PHD, MPH, BSC (HONS) PHYSIOTHERAPY

LECTURERS: PHYSIOTHERAPY PERMANENT ACADEMIC STAFF

DR. MATTHEW CHIWARIDZO: PHD PHYSIOTHERAPY (UCT); MPHIL PHYSIOTHERAPY (UCT); BSC (HONS) PHYSIOTHERAPY (UZ); HEALZ (POST GRAD CERT IN CURRICULUM DEVELOPMENT) (UZ-UC); 2023 PROGRANT FELLOW

MS FARIRAI KAMBA: MSC PHYSIOTHERAPY; BSC HONS PHYSIOTHERAPY

MS CHRISTIANE VON DER HEIDEN: BSC PHYSIOTHERAPY, MSC PHYSIOTHERAPY

MS ETHELINE GEURTZE: MPHIL HEALTH SYSTEMS & SERVICES RESEARCH; BSC PHYSIOTHERAPY(HONS)

MS ZENRA BUYS: BSC IN PHYSIOTHERAPY(HONS)

MS MONA-LIZA HAYES: BSC (HONS)PHYSIOTHERAPY, MSC WOMEN HEALTH PHYSIOTHERAPY, MPH

UNDERGRADUATE PROGRAMMES

PROGRAMME NAME IMPLEMENTED IN 2023	CODE	DURATION
BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY HONOURS	29BOTY	4 YEARS
BACHELOR OF SCIENCE IN PHYSIOTHERAPY HONOURS	29BPTY	4 YEARS

PROGRAMME FACED OUT AS OF 2023

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY HONOURS	18BOTY
BACHELOR OF SCIENCE IN PHYSIOTHERAPY HONOURS	18BPTY

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY HONOURS 29BOTY (NEW INTAKE AS OF 2023)

LEVEL OF QUALIFICATION

NQF 8

TOTAL CREDITS REQUIRED

547

VISION

The UNAM Occupational Therapy Programme will prepare its students to become reflective, ethical, client-centred, occupation-based, outcome-based and evidence-based occupational therapists, who work creatively, resourceful and skilled in order to restore function, enable participation in life and promote well-being, prevent secondary complications, and who are familiar with local as well as global scenarios, within the resources available in our Namibian setting.

MISSION

UNAM will, through its community service, its students' service learning (clinical attachments) and its graduates' service provision, enable and inspire the participants of occupational therapy services (service users).

- to be the best they can be,
- to participate in dignifying, health-promoting, meaningful and purposeful occupations,
- to find solutions to their occupational challenges and
- to change their occupational landscapes, and thus transform our Namibian society to become physically, emotionally and socially healthier.

ADMISSION REQUIREMENTS

In order to be admitted to the programme, candidates must satisfy at least one of the following requirements:

34 points in five subjects (36 if English NSSC O (C) or AS (e)) with:

1. At least three subjects on NSSC AS: grades of b-c-c; must include Mathematics, Biology and Physics (in no specific order)
2. English at either NSSC O (B) or AS (d)
3. Fifth subject at either NSSC O (B) or AS (d)

(Please refer to the UNAM Evaluation Scale for abbreviations and equivalents; link: [2022-Evaluation-Scale.pdf \(edu.na\)](#))

OR

Successful completion of a relevant science degree from a recognised University with a final mark of at least 65%. *support modules can be taken in an extended program (caters for AS level gaps). For those who don't make admission criteria or need to improve grades.

OR

Successful completion of a relevant science degree from a recognised University with a final mark of at least 60%.

OR

Satisfy the following conditions for entry through the Mature Age Entry Scheme:

They should be at least 25 years old on the first day of the academic year in which admission is sought

They should have successfully completed senior secondary education

They should have proof of extensive relevant work experience in a health and wellness related field and can demonstrate an interest and in-depth knowledge of the Physiotherapy profession and scope of practice (A special application process available for this purpose as determined by the school).

They should pass each paper of the prescribed Mature Age Entry Tests with an overall average of 60%.

A letter of recommendation from a previous supervisor or appropriate mentor. These letters should reflect the candidate's ability, understanding, and desire to become a successful health care provider.

Meeting the above student admission criteria DOES NOT necessarily ensure admission. Admission is awarded on merit based on places available on the programme and any other conditions that may be determined from time to time. The faculty reserves the right to administer special written entry tests and interviews before admission. RPL (recognized prior learning) for admission into the program will be considered.

OR

In the case of too many students that qualify for admission but have a reduced number of applicants to be selected, a fair and measurable selection criterion will be employed. The criterion will include the following:

Acknowledging contextual factors and considering other additional information to ensure that all applicants have equal opportunity to demonstrate relevant achievements and potential.

Additional assessment which may include the following:

1. Structured Interviews
2. Written work
3. Generic or subject-specific test of aptitude
4. Generic or specific tests of critical reasoning
5. Letters of recommendation

1. Additional Selection Criteria TO BE COMPLETED Section will be forwarded.

For criteria for marginalized persons refer to the UNAM policy.

2. Articulation Options

This qualification may serve as an entry point to a Master's degree AND Postgraduate diploma.

3. Assessment Criteria

Modules are examined through 100% Continuous Assessment (CA) with a minimum of five tests, assignments, quizzes, duly completed tasks in any combination) OR CA and final examination.

To pass a module, a minimum final mark of 50% is required.

A minimum CA mark of 50% is required to gain entrance into the relevant module examination, unless otherwise stated in the individual module descriptor.

The final mark for a module with a CA and final examination will be calculated using a ratio of CA mark: Exam mark of 50%:50% unless otherwise stated in the individual module descriptor.

Notwithstanding the above, a subminimum of at least 40% will apply to the Exam Mark and 50% for a Clinical Examination where applicable, unless otherwise stated in the individual module descriptor.

For clinical modules students will be required to complete the stipulated hours and numbers of clinical procedures as a prerequisite for summative assessments.

4. Quality Assurance Arrangements

Monitoring of student progress

1. Regular soliciting of performance of students, red flags and pass rate for continuous quality improvement.
2. All students to be issued with comprehensive study guides before the start of any module or course in which exit outcomes, learning activities, tests, and/or examination processes are clearly indicated.

Tracer studies and employer feedback

1. Collaborative/peer review teaching as per the Teaching and Learning policy as a way to enhance quality and ease of the teaching workload.
2. Observe internationally benchmarked classroom practice as a way of learning about best practices.
3. Performance appraisal for all lecturers/educators frequently as per UNAM policy and guidelines
4. Lecturers teaching or assessing physiotherapy specific content or involved in clinical training must comply with all requirements for annual registration with the HPCNA and be registered as a physiotherapist with the Allied Health Council of Namibia which is under HPCNA.
5. Clinical supervisors in either state and or private hospitals/practices should have at least three years of clinical experience and should demonstrate continual professional development in teaching and learning.

Internal and external moderation of examination papers and scripts

1. For the first four years of implementation (2023-2026) of this programme, papers and scripts for all modules across the years will be externally moderated.
2. Thereafter the UNAM Regulations as per the General Information and Regulations Prospectus will apply.

Internal and external moderation of assessment for all 100% CA modules

1. At least 50% will be moderated.
2. Effective supervision and monitoring of assignments, tests as part of Continuous Assessment and also effective supervision and monitoring of final exams to ensure quality.

Frequency of programme review

1. A continuous cycle of self-evaluation with a view to effecting quality improvement.
2. The programme will be reviewed in a four-year cycle as required by the AHPCNA.
3. Regular review of the curriculum for improvement and relevance.

5. Minimum requirements for re-admission into the School / Programme

Normal enrolment

To be re-admitted to the School of Allied Health Sciences, Department Occupational Therapy and Physiotherapy, a student must have successfully completed the following minimum number of credits as indicated below:

1. 42 credits (of which 28 must be non-core) by the end of the first year of registration.

2. 112 credits (of which 92 must be non-core) by the end of the second year of registration.
3. 228 credits by the end of the third year of registration.
4. 377 credits by the end of the fourth year of registration.
5. 443 credits by the end of the fifth year of registration.

The programme must be completed after a maximum of 6 years of registration.

Extended enrolment

The following re-admission regulations will apply to students enrolled for the extended programme:

1. 22 credits (of which 14 must be non-core) by the end of the first year of registration.
2. 69 credits (of which 56 must be non-core) by the end of the second year of registration.
3. 148 credits by the end of the third year of registration.
4. 274 credits by the end of the fourth year of registration.
5. 440 credits by the end of the fifth year of registration.
6. 505 credits by the end of the sixth year of registration.

The programme must be completed after a maximum of 7 years of registration

6. Advancement and progression rules

Normal enrolment:

1. Year 1 to Year 2: 80% of all credits including prerequisite modules for second year.
2. Year 2 to Year 3: All first-year credits and 80% of second year credits including prerequisite subjects for third year
3. Year 3 to Year 4: All second year and third year credits

Extended enrolment

1. Year 1 to Year 2: 80% of all credits including prerequisite modules for second year.
2. Year 2 to Year 3: All first-year credits and 80% of second year credits including prerequisite subjects for third year
3. Year 3 to Year 4: All second-year credits and 80% of third year credits including prerequisite subjects for fourth year
4. Year 4 to Year 5: All third- and fourth-year credits

A student who fulfilled the re-admission regulations but could not advance to the next academic year must first register for all failed modules. Subject to pre-requisites, such a student may then add modules of the subsequent academic year, provided that the total number of registered credits does not exceed the prescribed number of credits of the current academic year by more than 20%.

At all times, students need to be treated fairly, allowing them a reasonable opportunity to advance to the next level while picking up some modules from the previous year.

7. Requirements for Qualification Award

This qualification will be awarded to candidates credited with all compulsory credits (545) and who have met all the requirements of the degree programme, including field/clinical placements (including at least 1100 hours of clinical work at 3rd and 4th year level) and portfolios.

8. Career Opportunities

Clinician — engaging directly or indirectly in a patients' or clients' health care, by applying the occupational therapy process in relation to the occupational function of individuals or groups of people.

Occupational coach- supporting individuals, groups and communities towards meeting occupational needs and goals as part of the occupational identify discovery, retention and redefinition.

Manager — planning and, implementing and evaluating the occupational therapy services (including staff and other resources) and leading and motivating staff.

Researcher and scholar — questioning current evidence for occupational therapy and developing ways to refine and improve service, by producing effective and efficient practice, also engaging in academic and research practices.

Educator — instructing, leading and guiding undergraduate and postgraduate students in theory and practice, including supervision in clinical practice.

Collaborator — interacting and working with other health care practitioners, members of the multi-disciplinary team and community members across sectors and government departments.

Lobbyist - pleading for the cause of people and/or marginalised groups and/or communities by campaigning for and promoting changes in societal attitude with would facilitate their inclusion of at all levels and promote participation in meaningful and dignified occupations.

Advocate/Change agent, promoting the interest of the people with disabilities.

34. Implementation strategy

The first year of study for the transformed curriculum will be implemented in 2023. The rest of the transformed curriculum will be implemented as the old curriculum gets phased out over three years.

If a student does not satisfy the progression criteria to continue to the next year of the phasing-out curriculum, they are articulated into the new programme.

If a student satisfies the progression criteria to continue to the next year of the phasing-out curriculum but fails one or more modules students will articulate into the new program that is equivalent to modules in the new curriculum, then the student will sit in the same class and write the same assessments for the equivalent modules.

If a student satisfies the progression criteria to continue to the next year of the phasing-out curriculum but fails on or more modules which has/have no equivalent in the new curriculum OR is/are discontinued, then the students will be taught separately and write the assessment as stipulated in the phasing-out curriculum until 2027.

BELOW ARE THE PHASING-OUT CURRICULUM MODULES AND ITS NEW CURRICULUM EQUIVALENTS:

Previous Curriculum				Transformed curriculum			
Code	Name	NQF	Credits	Code	NAME	NQF	Credits
CLC3509	Computer literacy	5	8	U3583DD	Digital Literacy	5	8
CSI3580	Contemporary social issues	5	4		No equivalent		
LEA3519	English for academic purposes	5	16	U3583AL U3683LA	Academic Literacy IB Academic Literacy II	6 6	8 8
ATM3531	Embryology and Introduction to Anatomy	5	16	M3511BA	Embryology and Introduction to Anatomy	5	14
PLG3501	Medical Physics	5	8	M3501BF	Medical Physics	5	6
OTH3501	Occupational Science I	5	8	A3513OT	Occupational Therapy and Occupational Science I	5	14 (28)
PLG3511	Systems Physiology I	5	16	M3511BP	Physiology and Integrated Pathophysiology I	5	14
OTH3502	Occupational Therapy Science I	5	8	A3513OT	Occupational Therapy and Occupational Science I	5	14 (28)
RID3512	Statistics for Health Sciences	5	16	M3512BS	Statistics for Health Sciences	5	14
CMM3512	Sociology for Health and Disease	5	16	M3511HS	Sociology of Health and Disease	5	14
ATM3552	Anatomy for Occupational Therapy	5	16	M3511BA	Anatomy for Allied Health Sciences	5	14
PLG3512	Systems Physiology II	5	16	M3512BP	Physiology and Integrated Pathophysiology II	5	14
OTH3680	Occupational Therapy Interventions	6	24	No equivalent			
OTH3690	Occupational Therapy Science II	6	24	No equivalent			
OTH3601	Occupational Science I	6	8	A3601OT	Biomechanics & Kinesiology	6	8
PCT3600	Developmental Psychology	6	16				
PCT3600	Developmental Psychology	6	16	No equivalent			
OTH3611	Clinical Sciences I	6	16	A3612TS	Clinical Sciences (Additional Pathology lectures needed)	6	16
				A3693OC	Field Work and Service Learning I	6	16
PTY3681	Professional Practice	6	12	A3560TP	Professional Practice I	5	5
				A3660TP	Professional Practice II	6	4
OTH3602	Occupational Science III	6	8	No equivalent			

OTH3612	Clinical Science II	6	16	A3612TS	Clinical Sciences	6	16
OTH3622	Clinical Occupational Therapy I	6	8	A3693OC	Field Work and Service Learning I	6	8 (16)
LCH3682	Local Languages for Health Science Communication	6	4	A3660TL	Local Languages for Health Science Communication	6	6
OTH3710	Occupational Therapy Science III	7	32	A3713OT	Occupational Therapy and Occupational Science III	7	18 (36)
OTH3780	Clinical Occupational Therapy	7	40	A3793OC	Field Work and Service Learning II	7	20 (40)
PTY3780	Research Methods	7	16	A3783TR	Research Methods	7	8 (16)
OTH3700	Psychiatry for Occupational Therapy	7	8	A3701OT	Psychiatry for Occupational Therapy	7	8
OTH3711	Applied Occupational Therapy III	7	16	No equivalent			
OTH3712	Applied Occupational Therapy IV	7	16	No equivalent			
OTH3810	Research Project	8	32	A3883TR	Research Project	8	18 (36)
OTH3880	Clinical Occupational Therapy	8	80	A3893OC	Field Work and Service Learning IV	800	40 (80)
OTH3801 +2	Applied Occupational Therapy	8	8 +8	A3813OT	Occupational Therapy and Occupational Science IV	8	10 (20)

CURRICULUM FRAMEWORK: SUMMARY TABLE FOR ALL MODULES IN THE PROGRAMME

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 1 Core semester (IMPLEMENTED IN 2023)						
U3583DD	Digital Literacy	5	8	4		C
U3583AL	Academic Literacy IB	5	8	4		C
A3560TP	Professional Practice I	5	4	4		C
U3420CN	Sustainable Environmental Awareness	4	2	2		C
U3420LP	National and Global citizenship	4	2	1		C
Total Credits Core semester						24
Year 1 Semester 1						
M3511BA	Embryology and Introduction to Anatomy	5	14	3+4P		C
M3501BF	Medical Physics	5	6	2		C
A3511PI	Introduction to Psychology	5	12	4		C
M3511BP	Physiology and Integrated Pathophysiology I	5	14	3+4P		C
A3513OT	Occupational Therapy and Occupational Science I	5	14 (28)	3+4P		C
Total Credits Semester 1						60

Year 1 Semester 2						
A3513OT	Occupational Therapy and Occupational Science I	5	14 (28)	3+4P	None	C
A3512BA	Anatomy for Allied Health Sciences	5	14	3+4P	Embryology and Introduction to Anatomy	C
M3512BP	Physiology and Integrated Pathophysiology II	5	14	3+4P	Physiology and Integrated Pathophysiology I	C
A3512PO	Organisational Psychology	5	14	4L+1.5 P	None	C
Total Credits Semester 2						56
Total credits YEAR 1						140

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 2 Core semester (TO BE IMPLEMENTED IN 2024)						
U3683AL	Academic Literacy II	6	8	4	Academic Literacy I	C
A3660TL	Local Languages for Health Science Communication	6	6	2	None	C
A3660TP	Professional Practice II	6	4	4	A3560TP	C
U3420PJ	Project Management Skills	5	2	2	None	C
U3420RT	Entrepreneurial Skills	4	2	2	None	C

U3520LP	Leadership Skills	5	2	2	None	C
Total Credits Core semester						24
YEAR 2 SEMESTER 1						
A3613OT	Occupational Therapy and Occupational Science II	6	16 (32)	4+4P	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3601OT	Biomechanics & Kinesiology	6	8	2+2P	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3693OC	Field Work and Service Learning I	6	8 (16)	80	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3631PD	Developmental Psychology of childhood and adolescence	6	14	4L	None	C
M3611BP	Physiology and Integrated Pathophysiology III	6	16	3+4P	Physiology and Integrated Pathophysiology II	C
Total Credits Semester 1						55

YEAR 2 SEMESTER 2						
A3613OT	Occupational Therapy and Occupational Science II	6	16 (32)	6+8P	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3632PP	Psychopathology	6	14	4	All previous Psychology modules	C
A3693OC	Field Work and Service Learning I	6	8 (16)	80	All first-year modules and second year Core semester modules	C
A3612TS	Clinical Sciences	6	16	6	Anatomy for Allied Health Sciences, Physiology and Integrated Pathophysiology III	C
Total Credits Semester 2						54
Total credits YEAR 2						133

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 3 Core semester (TO BE IMPLEMENTED IN 2025)						
A3700OT	Professional practice III	7	24	200 hours	A3600TP	C
Total Credits Core semester					24	24
YEAR 3 SEMESTER 1						
A3793OC	Field Work and Service Learning II	7	20 (40)	200 hours	All 2 nd year modules & Professional Practice III	C
A3713OT	Occupational Therapy and Occupational Science III	7	18 (36)	8+8P	All 2 nd year modules	C
A3733OT	Applied Occupational Therapy	7	8 (16)	4	All 2 nd year modules	C
A3701OT	Psychiatry for Occupational Therapy	7	8	2	Psychopathology	C
A3783TR	Research Methods	7	8 (16)	4	None	C
Total Credits Semester 1						57
YEAR 3 SEMESTER 2						
A3793OC	Field Work and Service Learning II	7	20 (40)	200 hours	All 2 nd year modules Professional Practice III	C
A3713OT	Occupational Therapy and Occupational Science III	7	18 (36)	4+8P	All 2 nd year modules	C

A3733OT	Applied Occupational Therapy	7	8	2	All 2 nd year modules	C
A3702TM	Practice Management	7	8	2	Professional Practice II	C
A3783TR	Research Methods		8 (16)	4	None	C
Total Credits Semester 2						57
Total credits YEAR 3						138

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
YEAR 4 SEMESTER 1 (TO BE IMPLEMENTED IN 2026)						
A3883TR	Research Project	8	18 (36)	4	A3783TR	C
A3893OC	Field Work and Service Learning III	8	40 (80)	400 hours	All 3 rd year modules	C
A3813OT	Occupational Therapy and Occupational Science IV	8	10 (20)	8+8	All 3 rd year modules	C
Total Credits Semester 1						68
YEAR 4 SEMESTER 2						
A3883TR	Research Project	8	18 (36)	4	A3783TR	C
A3893OC	Field Work and Service Learning III	8	40 (80)	400 hours	All 3 rd year modules	C
A3813OT	Occupational Therapy and Occupational Science IV	8	10 (20)	8+8	All 3 rd year modules	C

Total Credits Semester 2	68
Total credits YEAR 4	136
TOTAL CREDITS FOR THE PROGRAMME	547

36. Curriculum Framework: Summary Table for all Modules for Extended enrolment

The first three years of Extended enrolment will cover all modules that are presented within the first two years of the Normal enrolment.

Extended enrolment Year 4 will be the same as Normal enrolment Year 3 in terms of modules and credits.

Extended enrolment Year 5 will be the same as Normal enrolment Year 4 in terms of modules and credits.

<u>Extended enrolment</u>						
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 1 Core semester						
U3583DD	Digital Literacy I	5	8	2		C
U3583AL	Academic Literacy I	5	8	2		C
Total Credits Core semester						16
Year 1 Semester 1						
M3511BA	Embryology and Introduction to Anatomy	5	14	3+4P		C
M3511BP	Physiology and Integrated Pathophysiology I	5	14	3+4P		C
Total Credits Semester 1						28

Year 1 Semester 2						
A3512BA	Anatomy for Allied Health Sciences	5	14	3+4P	Embryology and Introduction to Anatomy	C
M3512BP	Physiology and Integrated Pathophysiology II	5	14	3+4P	Physiology and Integrated Pathophysiology I	C
Total Credits Semester 2						28
Total credits YEAR 1						72

<u>Extended enrolment</u>						
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 2 Core semester						
A3560TP	Professional Practice I	5	4	4		C
U3420LP	National and Global citizenship		2	2	None	C
U3420SE	Sustainable Environmental Awareness		2	2	None	C
Total Credits Core semester						8
Year 2 Semester 1						
M3611BP	Physiology and Integrated Pathophysiology III	6	16		Physiology and Integrated Pathophysiology II	

M3501BP	Medical Physics	5	6	2		C
A3511PI	Introduction to Psychology	5	12	4		C
A3513OT	Occupational Therapy and Occupational Science I	5	14 (28)	3+4P		C
Total Credits Semester 1						48
Year 2 Semester 2						
A3513OT	Occupational Therapy and Occupational Science I	5	14 (28)	3+4P		C
M3512MP	Developmental Psychology	5	12	4		C
A3612TS	Clinical Sciences	5	16		Physiology and Integrated Pathophysiology III	
Total Credits Semester 2						42
Total credits YEAR 2						98

<u>Extended enrolment</u>						
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 3 Core semester						
U3683AL	Academic Literacy II	5	8	2	None	C

A3660TL	Local Languages for Health Science Communication	6	6	4	None	C
A3660TP	Professional Practice II	4	4	4	None	C
U3420PJ	Project Management		2	2	None	C
U3420RT	Entrepreneurship		2	2	None	C
U3420RT	Leadership		2	2	None	C
Total Credits Core semester						24
Year 3 Semester 1						
A3613OT	Occupational Therapy and Occupational Science II	6	16 (32)	4+4P	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3601OT	Biomechanics & Kinesiology	6	8	2+2P	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3693OC	Field Work and Service Learning I	6	8 (16)	80	All first-year modules and second year Core semester modules	C
Awaits Code	Organisational Behaviour	6	7	4		C
Total Credits Semester 1						39
Year 3 Semester 2						

A3613OT	Occupational Therapy and Occupational Science II	6	16 (32)	6+8P	A3513OT, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II	C
A3632PP	Psychopathology	6	14	4	All previous Psychology modules	C
A3693OC	Field Work and Service Learning I	6	8 (16)	80	All first-year modules and second year Core semester modules	C
Total Credits Semester 2						38
Total credits YEAR 3						101

MODULE CONTENT OR DESCRIPTORS

MODULE TITLE:	ACADEMIC LITERACY 1B
MODULE CODE	U3583AL
NQF LEVEL	5
Notional Hours	80
NQF Credits	8
Prerequisite	None
Contact Hours	Semester 0: 4 hours /week Semester 1: 2 hours/week Semester 2: 2 hours/week
Compulsory/Elective	Compulsory
Semester Offered	0 1&2

Module Content

The module will cover study skills, reading, listening, speaking and writing, referencing, language usage and text organisation.

Student assessment strategies

Assessment will be based on Continuous Assessment.

MODULE TITLE:	DIGITAL LITERACY
MODULE CODE	U3583DD
NQF Level	5
Notional Hours	80
Contact hours	Semester 0: 4 hours /week;
Semester 1:	2 hours/week
Semester 2:	2 hours/week
Additional learning requirements	: None
NQF Credits	8
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1

Module Content

Digital Proficiency: ICT-based devices (laptops, tablets, smartphones, desktop computers, digital instruments and equipment); a mouse, keyboard, touch screen, voice control and other forms of input; screens, audio headsets and other forms of output; digital capture devices; University digital learning systems and a range of personal digital services such as social media, cloud storage services, sharing sites

Digital Productivity: Basic productivity software (text editing, presentation, spreadsheets, image editing); email and other digital communication services; Internet or cloud or institutional shared spaces for Organising, managing and backing up digital files; software/apps and services suitable for learning-related tasks; digital tools fit learning and managing learning time

Information Literacy: search engines, indexes or tag clouds; wikis, blog posts, scholarly journals, e-books and the open web; file spaces and folders, bookmarks, reference management software and tagging; copyright, and digital citizenship issues

Data and Media Literacy: Digital data using spreadsheets and other media; data security and privacy; digital media messages – text, graphics, video, animation, audio and multimedia

Digital Creation and Innovation: digital materials (video, audio, stories, presentations, infographics); new digital tools for learning in digital settings

Digital Communication, Collaboration and Participation: digital communication; differences between media, norms of communicating in different spaces; false or damaging digital communications; collaborative tools and online environments; online networks

Digital Learning and Development: digital learning opportunities; digital learning resources; digital tools/materials for organising, planning and reflecting on learning (mind-mapping, note-taking, e-portfolio/ learning journal/ blog)

Digital Identity and Wellbeing: online profiles for different networks (personal, professional, academic); digital reputation; managing personal data and privacy; digital CV or portfolio of work; digital technologies for personal development; online etiquette; wellbeing and safety online; internet addiction; cyberbullying and other damaging online behaviour.

Student Assessment Strategies

1. Collaborative assessment tasks
 - 1.1. Digital productivity: cloud based collaborative digital media creation using cloud platforms
 - 1.2. Project: Digital communication, collaboration and participation/ Digital Wellbeing
2. Individual assessment tasks
 - 2.1. Assignment: information literacy assignment
 - 2.2. Test x 2
3. Practical
 - 3.1. Digital proficiency
 - 3.2. Data and Media literacy

NO WRITTEN EXAMINATION

MODULE TITLE:	PROFESSIONAL PRACTICE I
MODULE CODE	A3560TP
NQF LEVEL	5
Notional Hours	60

Contact hours	4
Additional learning requirements: None	
NQF Credits	6
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1st year Core semester

Module Content

Topics covered include: basic principles of ethics and philosophy in health; social obligations, values and norms with the emphasis of the Namibian society regarding health; the patient-occupational therapist relationship; common ethical dilemmas: fundamental ethical guidelines, conflicts between beneficence and autonomy, patients who lack making-decision capacity, decision about life-sustaining interventions, conflicts of interest; basic principles of medico-legal practice,

Student Assessment Strategies

100% Continuous Assessment (minimum of 5 (any combination) of: tests, assignments, quizzes, duly completed tasks)

MODULE TITLE:	NATIONAL AND GLOBAL CITIZENSHIP
MODULE CODE	U3420CN
NQF LEVEL	4
Notional Hours	20
Contact hours	Up to 1 contact lecture periods per week for 6 Weeks
Mode of Delivery	Blended: Face to face and Online
Additional learning requirements:	Student will be required to work on a personal project that will include a site visit
NQF Credits	2
(Co-requisites) Prerequisite	None (University Core Module)
Compulsory/Elective	Compulsory
Semester Offered	Core Semester

Module Content

UNIT 1: Constitution and its Importance

What is a constitution; Functions of a constitution; what it contains; Constitution and democracy?

UNIT 2: Global Citizenship

The meaning of global citizenship; Importance of global awareness; World issues of concern to global citizens.

UNIT 3: Civic Engagement

What do we mean by civic engagement; Dimensions of civic engagement; Indicators of civic engagement; Promoting civic engagement.

UNIT 4: Globalization

Understanding globalization; Cultural construction of neoliberal globalization; Major players; Major domains; Major Issues; Futures of Globalization

UNIT 5: Intercultural Communication

Dealing with difference; Levels of culture; Stereotypes and generalizations; Intercultural communication Processes

UNIT 6: Sustainable Development Goals and individual action

Introduction to SDGs; Contributing to achievement of SDGs through action

Student Assessment Strategies

Continuous assessment of 100% - Assessment will be done by completing online pop-up quizzes; and developing their online portfolios of personal action as response to tasks assigned in class.

MODULE TITLE:	SUSTAINABILITY AND ENVIRONMENTAL AWARENESS
MODULE CODE	U3420SE
NQF LEVEL	4
Notional Hours	20
Contact hours	1 x 2h per week for 6 weeks for the first 3 weeks followed by mini-project for the remainder of semester
(total of 10 hours on this aspect)c	
Mode of Delivery	Blended: Face to face and Online
Additional learning requirements:	Mini-project to create awareness, champion environmental cause or address an environmental issue in their immediate environment
NQF Credits	2
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1 or 2

Module Content

Sustainability: finite nature of elements constituting the Earthly environment, resilience and fragility of the natural environment; three distinct perspectives on sustainability: sustained yield of resources, sustained abundance and diversity of species and ecosystems, sustained economic and social development key themes in defining sustainability: (i) the human perspective, (ii) considerations of fairness and (iii) issues of scale concepts of inter- and intra-generational equity (fair and just distribution of resources), sustainable community. **Natural resources:** role of soil, water and minerals in supporting life on Earth; health and interdependence of ecosystems within the biosphere; dependence of human beings on natural resources for sustenance and livelihoods. **Solutions to environmental sustainability challenges:** simple inexpensive interventions aimed at reducing wastage of resources and generation of wastes through exhaustive use, reuse, recycling and refurbishing of products.

Student Assessment Strategies

The module will be evaluated using 100% continuous assessment. Student will be assessed based on class discussions and debates on striking a balance between socio-economic development and environmental sustainability citing real life major national projects. A minimum pass mark for the module is 50%.

MODULE TITLE:	EMBRYOLOGY AND INTRODUCTION TO ANATOMY
MODULE CODE	M3511BA
NQF LEVEL	5
Notional Hours	160
Contact hours	3+4P hours
Additional learning requirements	: None
NQF Credits	14
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1st year semester 1

Module Content

The module provides building blocks to master the following topics i) man's place in the organismic kingdom. ii) basic embryological concepts. iii) an integrated approach to histological structure and function of the primary tissues in relation to the primary organ systems. iv) terminology and definitions in anatomy. The module includes an introduction to microscopy and methods in microscopy. The module furthermore provides and introduction to the bioethics linked to the history of Anatomy and the Anatomy and Human Tissue Acts.

Learning and Teaching Strategies/Activities

The course will be facilitated through the following learning activities: lectures (blended learning), in-class discussions, assignments, microscopy practical and dissections, case-based approach.

Student Assessment Strategies

Continuous assessment mark:	-Written assessment Class Test 1 25%
	-Written assessment Class Test 2 25%
	-Written assessment Class Test 3 25%
	-Assignments and Professionalism 25%
Examination mark:	One 3-hour examination paper.
Final mark:	40% of exam mark and 60% of Continuous assessment mark.

MODULE TITLE:	MEDICAL PHYSICS
MODULE CODE	M3501BF
NQF LEVEL	5
Notional Hours	60
Contact hours	2 hours
Additional learning requirements:	NONE
NQF Credits	6
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1st year semester 1

Module Content

Topics: Units (standards, SI system, converting units, order of magnitude); Motion (displacement, velocity, acceleration, falling objects); Vectors (representation, adding, subtracting scalar product, vector product); Force (Newton's 1st, 2nd and 3rd laws, mass, weight); Equilibrium (statics, equilibrium, elasticity); Fluids (density, specific gravity, pressure, Pascal's principle, measurement, flow, Bernoulli's principle, viscosity, surface tension, pumps); Waves (wave motion, types of waves, energy, amplitude and frequency, reflection and interference, resource, refraction and diffraction); Gas laws & temperature (atomic theory, temperature and thermometers, thermal expansion, thermal stress, diffusion); Electricity (charge, field, potential, currents, basic circuits); Magnetism (magnetic fields, electric currents, force, electric charge, Ampere and out Coulomb, Ampere's Law, torque); Electromagnetism (electromagnetic induction, transformers, transmission of power, production of electromagnetic waves, light and electromagnetic spectrum); Light (wave versus particles, diffraction, refraction, visible spectrum and dispersion); molecules and solids (bonding in molecules, weak bounds); Radioactivity (structure and properties of nucleus, binding energy and nuclear forces, radioactivity, alpha, beta, and gamma decay, half-life and rate of decay, radioactive dating).

Student Assessment Strategies

Examination mark: One 3-hour examination paper.
Final mark: 40% of exam mark and 60% of Continuous assessment mark.

MODULE TITLE:	INTRODUCTION TO PSYCHOLOGY
MODULE CODE	A3511PI
NQF LEVEL	5
Notional Hours	120
Contact hours	4 hours lectures per week for 12 weeks
Additional learning requirements:	Group projects, Group presentations
NQF Credits	12
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Semester One (1)

Module Content

The Evolution of Psychology, Research Methods in Psychology, Biology of Behaviour, Conditioning and Learning, Human Intelligence, Human Development, Personality, Abnormal Behaviour, Treatment of Abnormal Behaviour

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3-hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	INTEGRATED PHYSIOLOGY AND PATHOPHYSIOLOGY I
MODULE CODE	M3511BP
NQF LEVEL	5
Notional Hours	160
Contact hours	3+4P hours
Additional learning requirements	: N/A
NQF Credits	14
(Co-requisites) Prerequisite:	None
Compulsory/Elective	Compulsory
Semester Offered	1st year semester 1

Module Content

The study of physiology encompasses a number of fields of study; from molecules to ecosystems. Here we begin with an investigation of basic cell processes. The students will be expected to understand how molecular interactions are integral to the generation, storage and utilisation of energy, signaling and cellular dynamics. Building upon this, we will stress the importance of cellular and tissue compartmentation, and how information flows within a cellular and mass context. The integration of these systems and how they may impact homeostasis is also of critical importance. In order to conceptualise the normal functioning of the cells, tissues and organs, we will also incorporate the pathophysiology alongside each system discussed. By the end of the course students will also be familiar with the components and mechanics of the: basic cell processes, energy and cellular metabolism, membrane dynamics and communication, integration, and homeostasis; genetics; body fluid compartments. This module will introduce the two main communication systems in the body; the endocrine system and the nervous system. The cellular and network properties of neurons and how they function within the context of the central and peripheral nervous systems; the Muscular Skeletal system and the control of body movement; as well as the structure and function of the endocrine system.

Student Assessment Strategies

The continuous assessment (CA): 50% (minimum of 2 tests (75%), lecture quizzes (5%) and 3 laboratory exercises (20%)). Examination: 50% (1 X 3-hour paper)

MODULE TITLE:	OCCUPATIONAL THERAPY AND OCCUPATIONAL SCIENCE I
MODULE CODE	A3513OT
NQF LEVEL	5
Notional Hours	140
Contact hours	2+2P
Additional learning requirements:	20 students' face-to-face teaching with space for practical and group work
NQF Credits	14
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content:

Defining occupational science and occupational therapy; Describe what occupational scientists and occupational therapists do (similarities and differences) and their roles; History of occupational science and history of occupational therapy; Theory of Human Nature and participation in occupation; Describing human occupation and the term "natural occupation"; Analyse the concepts form (physical and sociocultural dimensions) function, and meaning of occupations; Explore human beings as occupational and social beings. This module also introduces students to the ICF and their understanding of human occupation by including an analytical exploration of the relationship between what people do and their health, well-being and quality of health, in the form of WHO determinants of health.

Student assessment strategies:

Continuous Assessment: 100% for the year (minimum: 4 tests, 2 assignments)

MODULE TITLE:	ANATOMY FOR ALLIED HEALTH
MODULE CODE	A3512BP
NQF LEVEL	5
Notional Hours	160
Contact hours	3+4P hours
Additional learning requirements	: N/A
NQF Credits	14
(Co-requisites) Prerequisite:	Embryology and Introduction to Anatomy
Compulsory/Elective	Compulsory
Semester Offered	1st year semester 2

Module Content

CARDIOVASCULAR SYSTEM & RESPIRATORY SYSTEM: The thoracic wall and mediastinum; the muscles of respiration; lung structure; respiratory histology; systemic and pulmonary circulation; arterial supply and venous drainage.

NEUROLOGICAL SYSTEM AND SPINE: Division of the neurological system; CNS; cranial nerves; autonomic PNS; somatic PNS; spinal cord; vertebral column; back muscles

MUSCULOSKELETAL SYSTEM: development of musculoskeletal system; arthrology, myology, osteology of limbs; nerve innervation and blood supply of muscles; principles of locomotion.

Student Assessment Strategies

Continuous assessment mark:	-Written assessment Class Test 1	30%
	-Written assessment Class Test 2	30%
	-Written assessment Class Test 3	30%
	-Assignments and Professionalism	10%

(All class tests in this block have a practical component contributing 50% of the class mark)

Examination mark: One 2-hour theory examination paper (50%)
One practical examination paper (50%)

Final mark: 50% of the exam mark and 50% of the class mark.

MODULE TITLE:	INTEGRATED PHYSIOLOGY AND PATHOPHYSIOLOGY II
MODULE CODE	M3512BP
NQF LEVEL	5
Notional Hours	160
Contact hours	3+4P hours
Additional learning requirements	
NQF Credits	14
(Co-requisites) Prerequisite	M3511BP
Compulsory/Elective	Compulsory
Semester Offered	1st year semester 2

Module Content

The study of physiology encompasses a number of fields of study, from molecules to ecosystems. Here we continue with an investigation of the divisions of the nervous system along with their pathophysiological conditions. Students will be expected to understand and apply the knowledge around the general principles of neurophysiology into the different divisions of neurophysiology. Building upon this we will stress the importance of cellular and tissue compartmentation, and how information flows within a cellular and mass context. We will investigate the physiological basis of problems associated with most of the major organ systems. In each case we will discuss the effect upon whole body homeostasis.

Student Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 3 laboratory exercises). Examination: 50 % (1 X 3hours paper)

MODULE TITLE:	DEVELOPMENTAL PSYCHOLOGY
MODULE CODE	M3512MP
NQF LEVEL	5
Notional Hours	160
Contact hours	4 hours
Additional learning requirements:	Group work
NQF Credits	12
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1st year semester 2

Module Content

This module focuses on applicable developmental theories such as the psychodynamic theory, particularly Freud's psychosexual theory and Erickson's psychosocial theory and developmental theories of cognitive development. To be considered here are Piaget's theory of cognitive development as well as Vygotsky's theory of cognitive development (sociocultural-historical theory, particularly the notions of the zone of proximal development and scaffolding in cognitive development). The module will examine perinatal/prenatal development, including the period from conception to birth. Environmental influences on prenatal development, hereditary/genetic influences on human development and hereditary/genetic transmission, genetic and chromosomal abnormalities, birth complications, and maternal stress will be explored. How infants sense and perceive the world will be examined. Furthermore, the module will examine the five domains of human development from infancy, adolescence, through adulthood (cognitive development, physical development, emotional development, social development and language development (attainment of normal developmental milestone). Finally, chronic illness in childhood and hospitalisation, as well as child physical, emotional, and sexual abuse will be covered. The development of the concept of death among children will also be discussed.

Student Assessment Strategies

The continuous assessment (CA): 40% (minimum of 3 tests and 2 assignments).
Examination: 60% (1 x 3 hours written paper).

MODULE TITLE:	ACADEMIC LITERACY II
MODULE CODE	U3683LA
NQF LEVEL	6

Notional Hours	80
NQF Credits	8
Contact Hours	Semester 0: 4 hours/week Semester 2: 2 hours/week
Prerequisite	Academic Literacy I
Compulsory/Elective	Compulsory
Semester Offered	Core Semester,1&2

Module content

The module is designed for students enrolled in a bachelor's degree, which requires them to do basic research, read and listen to specific academic material, produce specific written texts and give academic presentations. The module thus, focuses on enhancing academic reading, academic vocabulary, writing, listening and speaking.

Student assessment strategies

The module will be continuous assessment based.

Assessment will include written tests, individual and group assignments, portfolio assessments and oral presentations.

MODULE TITLE:	LOCAL LANGUAGES FOR HEALTH SCIENCE COMMUNICATION
MODULE CODE	A3660TL
NQF LEVEL	6
Notional Hours	60
Contact hours	2 hours
Additional learning requirements:	N/A
NQF Credits	6
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Year 2 semester 0

Module Content

This module develops a student's understanding regarding social norms and confessions in one other population group in Namibia; listening, verbal and non-verbal communication; medical terminology and construct of common symptoms in the relevant language.

Student Assessment Strategies

Continuous Assessment: 100% consisting of at least six interactive engagement of dialoging in class

MODULE TITLE:	PROFESSIONAL PRACTICE II
MODULE CODE	A3660TP
NQF LEVEL	6
Notional Hours	40
Contact hours	4 hours
Additional learning requirements	
NQF Credits	4
(Co-requisites) Prerequisite:	None
Compulsory/Elective	Compulsory
Semester Offered	Year 2 semester 0

Module Content

Medical Ethics and Philosophy: This module is designed to describe the basic principles of professional conduct, ethics and legal practice in health, with particular emphasis on social values, norms and culture of the Namibian society. A student will be able to professionally engage in his/her medical practice, observe professional conduct with regard to patients, their families and professional colleagues, evaluate ethical dilemmas and give professional evidence in a court of law. Topics covered include: basic principles of ethics and philosophy in health; social obligations, values and norms with the emphasis of the Namibian society regarding health; the patient-physiotherapist relationship; common ethical dilemmas: fundamental ethical guidelines, conflicts between beneficence and autonomy, patients who lack making-decision capacity, decision about life-sustaining interventions, conflicts of interest; basic principles of medico-legal practice, review of the health related Namibian legislative code.

Student Assessment Strategies

100% Continuous Assessment (minimum of 3 (any combination) of: tests, assignments, quizzes, duly completed tasks)

MODULE TITLE:	OCCUPATIONAL THERAPY AND OCCUPATIONAL SCIENCE II
MODULE CODE	A3613OT
NQF LEVEL	6
Notional Hours	320
Contact hours	4+4P
Additional learning requirements:	None
NQF Credits	32
(Co-requisites) Prerequisite	Occupational therapy and Occupational Sciences I, Anatomy for Allied Health Sciences, Physiology and Integrated Physiology II
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content:

The relationship between the person, occupation and the environment, and the relationship between the occupation health and welfare: apply relevant knowledge from biological, medical, human, psychological, social, technological and occupational sciences, together with theories of occupation and participation; Therapeutic and professional relationships and behaviour: work according to the principles of client centred practice, build a therapeutic relationship/partnership as the foundation of the occupational therapy process; Professional principles, skills and reasoning: engage: to involve clients in doing, in participating, that is to say, in action beyond talk by involving others and oneself to become occupied; specialised enabling modalities, techniques, technologies such as positioning, therapeutic touch, neurodevelopmental techniques, group therapy, basic counselling interview; Context of professional practice, professional autonomy and accountability: practice in an ethical manner; demonstrate ethical decision-making, that is: act in the client's best interests and use practices based on evidence; ensure the confidentiality of any personal identifying information obtained in the occupational therapy process; understand and respect client's values and beliefs and understand the impact of the therapist's values, beliefs and culture on decision-making; demonstrate ability to search for and obtain information, this includes research articles, periodicals, Internet, databases, experts, colleagues; Management and leadership in occupational therapy: understand and apply principles of management to occupational therapy services, including cost-effectiveness, administration of resources and equipment, and establishing occupational therapy protocols; Research, development in occupational therapy and occupational science: demonstrate skills in independent searching, critical examination and integration of scientific literature and other relevant information.

Student assessment strategies:

Continuous Assessment:	50%
Block tests (2)	20%
Assignments/reflective diary/ (4)	30%
Exam: Written 3-hour paper	50% of final mark

MODULE TITLE:	BIOMECHANICS AND KINESIOLOGY
MODULE CODE	A3601OT
NQF LEVEL	6
Notional Hours	80
Contact hours	4+4P
Additional learning requirements	None
NQF Credits	8
(Co-requisites) Prerequisite	All 1st year modules
Compulsory/Elective	Compulsory
Semester Offered	Semester I and 2

Module content:

Applied anatomy: The skeletal framework including types of bones, articulations, classification of joints and their movements, joint stability, joint range of motion, movement of skeletal units; The musculature, including mechanical properties of muscular tissue, classification according to fibre arrangement, effect of muscular structure on force and range of motion, Skeletal muscle function, types of contraction, co-ordination of muscle system; Joint movement and muscular analysis, including shoulder girdle, shoulder joint, elbow & radius joint, wrist and hand, fingers & thumb, pelvic girdle, hip joint, knee joint, ankle and foot; Biomechanics: Fundamental biomechanics including description of human motion, kinds of motion, linear motion, aspects of force, rotary motion, levers as applied to the human body, Centre of Gravity and Stability including centre of gravity, stability and equilibrium, factors that affect stability; Functional Activities: Kinesiology analysis, including description of skill, anatomical analysis, mechanical analysis, prescription for movement, kinesiology application in daily functional life, ergonomics.

Student assessment strategies:

Online pre-test/post-test	
Continuous Assessment:	50% of total mark
Exam: Written 2-hour paper:	50% of total mark

MODULE TITLE:	FIELDWORK AND SERVICE LEARNING I
MODULE CODE	A3693OC
NQF LEVEL	6
Notional Hours	160
Contact hours	80 hours
Additional learning requirements	None
NQF Credits	16
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content:

Procedural knowledge of activity analysis: learn to do a variety of cultural relevant (Namibian) "occupations" (imitation and manipulation level), analyse these occupations in relation to activity analysis and knowledge of kinesiology and appreciate their value in terms of occupational therapy practice. Procedural learning of the occupational therapy process: referral process, information gathering, assessment and list of challenges and strengths, psychodynamic formulation and intervention goals.

Student assessment strategies:

Continuous Assessment: 100%

MODULE TITLE:	ORGANISATIONAL BEHAVIOUR
MODULE CODE	
NQF LEVEL	6
Notional Hours	70
Contact hours	2
Additional learning requirements	None
NQF Credits	7
(Co-requisites) Prerequisite:	Previous Psychology Modules
Compulsory/Elective	Compulsory
Semester Offered	Semester I and 2

Module content:

Teaching strategies:

Lectures, projects, group work, video or movie clips, field trip.

Student assessment strategies:

<u>Continuous Assessment:</u>	50%
Block tests (2)	20%
Assignments reflective diary/ (4)	30%
<u>Exam: Written 3-hour paper</u>	50%

MODULE TITLE:	INTEGRATED PHYSIOLOGY AND PATHOPHYSIOLOGY III
MODULE CODE	M3611BP
NQF LEVEL	5
Notional Hours	160
Contact hours	3+4P hours
Additional learning requirements:	None
NQF Credits	16
(Co-requisites) Prerequisite	M3511BP, M3512BP
Compulsory/Elective	Compulsory
Semester Offered	2nd year semester 1

Module Content

Physiology and Integrated Pathophysiology III is the integration of the normal functions of the body and the study of disordered physiological processes associated with disease or injury. This course is an introduction to physiology and pathophysiology designed especially to meet the needs of students preparing for careers in the health professions. This course will build on prior knowledge of anatomy and physiology as we explore body functions in altered health conditions. The course lays the basis for understanding major human body systems with an emphasis on the organ functions. The body systems to be covered in this module will include cardiovascular, respiratory, digestive, renal and respiratory system along with their associated pathophysiology.

Student Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 3 laboratory exercises). Examination: 50 % (1 X 3hours paper)

MODULE TITLE:	PSYCHOPATHOLOGY
MODULE CODE	A3632PP
NQF LEVEL	6
Notional Hours	160
Contact hours	4 hours per week for 12 weeks
Additional learning activities	Group work and group projects
NQF Credits	14
Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	2

Module Content

The course content of Psychopathology will include the following topics:

Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3-hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	CLINICAL SCIENCES
MODULE CODE	A3612TS
NQF LEVEL	6
Notional Hours	160
Contact hours	4+4P hours
Additional learning requirements:	Attendance of ward rounds in different clinical rotations and understand the relevance of multidisciplinary team approach
NQF Credits	16
(Co-requisites) Prerequisite	A3512BA, M3611BP
Compulsory/Elective	Compulsory
Semester Offered	2nd year semester 2

Module Content

This module focuses on systemic discussions of the sign and symptoms, diagnosis and management of the most common condition in obstetrics and gynecology, neurology, internal medicine, geriatrics, pediatrics and primary health care. The place for psychiatry and psychology in neurosciences will be discussed including the neuroanatomy and physiology related to mental disorders and the classification and terminology defining it. Furthermore, the different fields for surgery and surgical management will be covered including the basic concepts and terminology as well as an insight in the management of a surgical patient during all phases of treatment. This will include general surgery and amputations, surgery in children, the surgical patient in the ICU, orthopedic surgery, ear nose and throat surgery, neurosurgery, urological and gynecological surgery, ophthalmology, cardiothoracic surgery and plastics and reconstructive surgery including burns.

Student Assessment Strategies

Continuous assessment: 50% at least three tests, assignments and duly completed tasks)
Examination: 50% - one written paper (3 hours)

MODULE TITLE:	PROFESSIONAL PRACTICE III
MODULE CODE	A3700OT
NQF LEVEL	7
Notional Hours	240
Contact hours	200
Additional learning requirements	Group work and Presentation of proposals for approval
NQF Credits	24
(Co-requisites) /Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core semester

Module Content

In this module, students will be guided into a variety of possible service-learning contexts and learn the processes needed to enter community settings. Furthermore, students are taught practical and procedural skills in simulated settings and then be exposed to real life settings.

Student Assessment Strategies

100% Continuous Assessment (minimum of 5 (any combination) of: tests, assignments, quizzes, duly completed tasks)

MODULE TITLE:	FIELDWORK AND SERVICE LEARNING II
MODULE CODE	A3793OC
NQF LEVEL	7
Notional Hours	100 + 100 (200)
Contact hours	20
Additional learning requirements	None
NQF Credits	10 + 10 (20)
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Semester I and 2 (2x14 weeks)

Module content

Procedural learning of the occupational therapy process: referral process, information gathering, assessment and list of challenges and strengths, psychodynamic formulation, negotiating intervention goals, implementing and monitoring intervention process, discharge procedures implementation and referral strategies implementation. Clinical competence in the occupational therapy process: work in partnership with individuals and groups in order to be engaged in occupation through health promotion, prevention, re/habilitation and treatment; select, modify and apply appropriate theories, models of practice and methods to meet the occupational and health needs of individuals/populations; use professional and ethical reasoning effectively throughout the occupational therapy process; utilise the therapeutic potential of occupation through the use of activity and occupational analysis and synthesis; adapt and apply the occupational therapy process in close collaboration with individuals/population; work to facilitate accessible and adaptable environments and to promote occupational justice; collaborate with communities to promote the health and well-being for their members through their participation in occupation; actively seek, critically evaluate and apply a range of information and evidence to ensure that practice is up-to-date and relevant to the client; critically appraise occupational therapy practice to ensure that the focus is on occupation and occupational performance.

Student assessment strategies

Continuous Assessment: 60%
Demonstrations and Practical assessments for each clinical rotation throughout the year (each rotation must be passed in order to have a CA for entry to final examination).
*Refer to specific guidelines for additional clarity
Examination: 40%
Final practical examination after last rotation 50%
No written examination.

MODULE TITLE:	OCCUPATIONAL THERAPY AND OCCUPATIONAL SCIENCE III
MODULE CODE	A3713OT
NQF LEVEL	7
Notional Hours	360
Contact hours	7+7P
Additional learning requirements:	None
NQF Credits	36
(Co-requisites) Prerequisite	All 2nd year modules
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content

The relationship between the person, occupation and the environment, and the relationship between the occupation health and welfare: explain the theoretical concepts underpinning occupational therapy, specifically the occupational nature of human beings and their performance of occupations; explain the relationship between occupational performance, health and well-being; apply relevant knowledge from biological, medical, human, psychological, social, technological and occupational sciences, together with theories of occupation and participation; analyse the complexities of applying formal theories and research evidence in relation to occupation in the context of a changing society; Therapeutic and professional relationships and behaviour: work according to the principles of client centred practice and negotiated client goals; build a therapeutic relationship/partnership as the foundation of the occupational therapy process; establish collaborative partnerships, consult and advise with clients, carers, team members and other stakeholders on enabling occupation and participation; collaborate with clients to advocate for the right to have their occupational needs met; appreciate and respect individual differences, cultural beliefs, customs and their influence on occupation and participation; Professional principles, skills and reasoning: Knowledgeable in and skilled in applying occupational therapy models and frameworks; knowledgeable about and skilled in applying evidence-based practice principles; knowledgeable about and skilled in applying client centred practice principles; knowledgeable about and skilled in applying occupation centred practice principles; knowledgeable about and skilled in applying outcome based practice principles; knowledgeable about and skilled in applying occupational therapy enabling skills (with clients); specialised enabling modalities, techniques, technologies such as: therapeutic touch, neurodevelopmental techniques, sensory modulation and integration techniques, psychosocial rehabilitation techniques, driver rehabilitation, work station design based on ergonomics, wheelchair selection and prescription, wheelchair seating, group therapy, mirror therapy, motivational interview; Knowledgeable about and skilled in applying occupational therapy targets with the above enabling skills as basis (with clients), geared towards being agents of change. Context of professional practice, professional autonomy and accountability: practice in an ethical manner; utilize the World Federation of Occupational Therapists Code of Ethics for occupational therapy as a baseline document. Demonstrate confidence in self-management, self-awareness and knowledge of own limitations as an occupational therapist. Management and promotion of occupational therapy: understand and apply principles of management to occupational therapy services, including cost-effectiveness, administration of resources and equipment, and establishing occupational therapy protocols; share knowledge and experience with students using a variety of methods to accommodate student needs, such as shadowing, seasonal lectures, consultation, and advice on projects, mentoring, and fieldwork supervision; model professional and ethical practice behaviours; Research, development in occupational therapy and occupational science: identify the need for research on issues related to occupation, occupational therapy and/or occupational science and formulate relevant research questions; demonstrate skills in independent searching, critical examination and integration of scientific literature and other relevant information; Clinical competence in the occupational therapy process: work in partnership with individuals and groups in order to be engaged in occupation through health promotion, prevention, re/habilitation and treatment, select, modify and apply appropriate theories, models of practice and methods to meet the occupational and health needs of individuals/populations; use professional and ethical reasoning effectively throughout the occupational therapy process.

Student assessment strategies:

Continuous Assessment: 50%
Block tests (2) 20%
Assignments (e.g. reflective diary) (4) 30%
Exam: Written 3-hour paper 50%

MODULE TITLE:	APPLIED OCCUPATIONAL THERAPY
MODULE CODE	A3733OT
NQF LEVEL	7
Notional Hours	160
Contact hours	4+4P
Additional learning requirements	None
NQF Credits	16
(Co-requisites) Prerequisite	All 2nd year modules
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content

Professional principles, skills and reasoning: Knowledgeable in and skilled in applying occupational therapy models and frameworks; knowledgeable about and skilled in applying evidence-based practice principle; knowledgeable about and skilled in applying occupation centred practice principles; knowledgeable about and skilled in applying outcome based practice principles; Knowledgeable about and skilled in applying occupational therapy enabling skills (with clients): Adapt; advocate; collaborate; consult; coordinate; design/build; educate; engage: to involve clients in doing, in participating, that is to say, in action beyond talk by involving others and oneself to become occupied; knowledgeable about and skilled in applying occupational therapy targets with the above enabling skills as basis (with clients), geared towards being agents of change: Impairment reduction; adaptation; accommodation; skills acquisition; social reconstruction; occupational justice, well-being and health.

Student assessment strategies:

Continuous Assessment:	50%	
Block tests (2)	20%	
Assignments (e.g. reflective diary) (4)		30%
Exam: Written 3-hour paper	50%	

MODULE TITLE:	PSYCHIATRY FOR OCCUPATIONAL THERAPY
MODULE CODE	A3701OT
NQF LEVEL	7
Notional Hours	70
Contact hours	2
Additional learning requirements:	None
NQF Credits	7
(Co-requisites) Prerequisite:	Previous Psychology Modules
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content

In this module, students are introduced to the following topics: Diagnoses of patients with mental/psychiatric disorders, neuropsychiatry, behavioural neurology and psychopharmacology; application of medical and psychopathological knowledge and procedural skills to collect and interpret data, make appropriate clinical decisions; examination of the psychiatric patient; classification of mental/psychiatric disorders; close connections with neuropsychiatry and behavioural neurology, general pharmacology, psychopharmacology and gross and functional anatomy of the brain (including neuro-imaging) as tools for making psychiatric diagnoses; Ethical approaches to practice: effective communication with patients, other health care providers and the community; psychiatrist as communicator, collaborator, health advocate, manager, scholar and professional; Legal aspects of mental health in Namibia: Mental Health Act, and related legal Acts, Regulations and procedural documents used in Namibia that determine admission, management and discharge of Mental Health patients; relationship between Judicial, Corrective and Health Services in Forensic Psychiatry.

Student assessment strategies:

Continuous Assessment:	50%
Block tests (2)	
Exam: Written 2-hour paper	50%

MODULE TITLE:	RESEARCH METHODS
MODULE CODE	A3713TR
NQF LEVEL	7
Notional Hours	160
Contact hours	8 hours
Additional learning requirements:	Group work AND Presentation of proposals for approval
NQF Credits	16
(Co-requisites) Prerequisite	(A3700SP) None
Compulsory/Elective	Compulsory
Semester Offered	3rd year semester 0 (will continue in semesters 1 & 2 non-contact)

Module Content

Introduction to research: Introduction to Quantitative research and Qualitative research, Literature Reviews (narrative, scoping, systematic), Identification, selection, analysis and formulation of the research problem; Identification and formulation of the research question; Hypotheses formulation. Formulate a problem statement and justification of the study, formulation of the study research questions and objectives, study limitations and delimitations.

Classification of study types: Descriptive studies, Exploratory Studies, Cross-sectional studies, Case report, case series, correlational studies. Analytical studies: Cohort studies, Case control studies, Comparative Cross sectional studies. Intervention studies: Clinical trials, Experimental studies, Quasi-experimental studies, fields interventional studies. The advantages and disadvantages of the different of study designs.

Sampling Methods: Non-probability sampling, Probability or random sampling; sample size determination. Study population, Specification study variables, and types of variables.

The Data collection methods: Data collection techniques, development of data collection tools and/or questionnaires, validity and reliability of tools, measures of trustworthiness.

Data analysis: quantitative and qualitative data analysis techniques

Report writing and use of The Harvard referencing system.

Student Assessment Strategies

100% Continuous assessment: at least three tests, assignments and duly completed tasks (40%); research proposal (60%)

MODULE TITLE:	PRACTICE MANAGEMENT
MODULE CODE	A3702TM
NQF LEVEL	7
Notional Hours	80
Contact hours	2 hours
Additional learning requirements	Group work
NQF Credits	8
(Co-requisites) Prerequisite	(A3700SP)
Compulsory/Elective	Compulsory
Semester Offered	3rd year semester 2

Module Content

Context of professional practice, professional autonomy and accountability; Practice in an ethical manner, manage the records and documentation related to practice; prepare and maintain records which provide evidence and rationale to support client-centred assessment findings, intervention plan and collaborative decision-making, which include service contracts, billing records, client chart, assessment outcomes, site visit reports, client consent, family meetings, team meetings, consultations; comply with policy and procedures on record management according to employers' regulations and requirements, including dissemination of records in written, verbal or electronic formats; participate in development of record management policy and procedures; participate in review or audit of records and record management; demonstrate commitment to lifelong professional development; develop and implement a continuing education plan based on assessed professional needs, this includes keeping pace with ongoing changes in the context of practice, reading current professional literature, networking and community involvement, educational programs, on-line or distance education, self-assessment, etc.; demonstrate ability to search for and obtain information, this includes research articles, periodicals, Internet, databases, experts, colleagues; demonstrate ability to critically appraise source and content of the information; apply new knowledge and relevant information to practice; adhere to and support legislative statutes; adhere to and support occupational therapy Students must have a sound understanding of current government legislation: public health act, health professions act, hospitals and health facilities acts, pharmacy act, mental health act and the implication of this on their practice in the context of multidisciplinary/interdisciplinary team working and holistic care in meeting the needs of individual clients.

Theories, concepts and principles of health systems management: organisation of healthcare delivery services, management of human resources, finance and assets, information and logistics management; health care financing.

The concept of community practice and Community Based Rehabilitation strategy.

Student Assessment Strategies

Continuous Assessment: 50% (tests and assignments)

Examination: 50% (1 x 2-hour paper)

MODULE TITLE:	RESEARCH PROJECT
MODULE CODE	A3813TR
NQF LEVEL	8
Notional Hours	360
Contact hours	4 hours
Additional learning requirements	Group work Research supervision
NQF Credits	36
(Co-requisites) Prerequisite	A3783TR
Compulsory/Elective	Compulsory
Semester Offered	4th year semester 1 & 2

Module Content

Data collection and analysis: The student focuses on data collection during the first semester of the fourth year as a longitudinal module from primary or secondary sources in Windhoek /Khomas region. According to the proposal the data can be from electronic databases, the clinics, hospital, City Council, Ministry of Health and Social Services or its institutions or from the community in a specified income cluster.

The student will apply the skills of research methodology and epidemiology to clean and process the data using a suitable software package. At the end of the semester, the student will make a presentation detailing the results of the field work, summary tables and preliminary findings. Feedback from the student conference assists the student to review the analytical framework and finalise the written report. The conference presentation rating will constitute the continuous assessment for the semester.

Report writing and use of The APA referencing system.

Student Assessment Strategies

100% Continuous Assessment: First presentation 30% and Report 70%

MODULE TITLE:	FIELDWORK AND SERVICE LEARNING III
MODULE CODE	A3893OC
NQF LEVEL	8
Notional Hours	800
Contact hours	800
Additional learning requirements	None
NQF Credits	40 + 40 (80)
(Co-requisites) Prerequisite	All 3rd year modules
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content:

Procedural knowledge of activity analysis: learn to do a variety of cultural relevant (Namibian) "occupations" (imitation and manipulation level), analyse these occupations in relation to activity analysis and knowledge of kinesiology and appreciate their value in terms of occupational therapy practice. Procedural learning of the occupational therapy process: referral process, information gathering, assessment and list of challenges and strengths, psychodynamic formulation and intervention goals.

Student assessment strategies:

Continuous Assessment: 60%
 Demonstrations and Practical assessments for each clinical rotation throughout the year (each rotation must be passed in order to have a CA for entry to final examination).

*Refer to specific guidelines for additional clarity

Examination: 40%

Final practical examination after last rotation 50%

No written examination.

MODULE TITLE:	OCCUPATIONAL THERAPY AND OCCUPATIONAL SCIENCE IV
MODULE CODE	A3813OT
NQF LEVEL	8
Notional Hours	200
Contact hours	7+7P
Additional learning requirements:	None
NQF Credits	20
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Semester 1 and 2

Module content:

The relationship between the person, occupation and the environment, and the relationship between the occupation health and welfare: synthesise and apply relevant knowledge from biological, medical, human, psychological, social, technological and occupational sciences, together with theories of occupation and participation; analyse the complexities of applying formal theories and research evidence in relation to occupation in the context of a changing society; Therapeutic and professional relationships and behaviour: collaborate with clients to advocate for the right to have their occupational needs met; appreciate and respect individual differences, cultural beliefs, customs and their influence on occupation and participation; Professional principles, skills and reasoning: Occupational justice, well-being and health; Context of professional practice, professional autonomy and accountability: participate in review or audit of records and record management; Demonstrate commitment to lifelong professional development; develop and implement a continuing education plan based on assessed professional needs, this includes keeping pace with ongoing changes in the context of practice, reading current professional literature, networking and liaison with colleagues; Management and promotion of occupational therapy: contribute to student education in occupational therapy.

Student assessment strategies:

Continuous Assessment: 50%

Block tests (2) 20%

Assignments reflective diary/ (4) 30%

Exam: Written 3-hour paper 50%

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY HONOURS (PHASING OUT AS OF 2023 – NO NEW INTAKE)

LEVEL OF QUALIFICATION

NQF 8

TOTAL CREDITS REQUIRED

552

VISION

The UNAM Occupational Therapy Programme will prepare its students to become reflective, ethical, client-centred, occupation-based, outcome-based and evidence-based occupational therapists, who work creatively, resourceful and skilled in order to restore function, enable participation in life and promote well-being, prevent secondary complications, and who are familiar with local as well as global scenarios, within the resources available in our Namibian setting.

MISSION

UNAM will, through its community service, its students' service learning (clinical attachments) and its graduates' service provision, enable and inspire the participants of occupational therapy services (service users).

- to be the best they can be,
- to participate in dignifying, health-promoting, meaningful and purposeful occupations,
- to find solutions to their occupational challenges and
- to change their occupational landscapes, and thus transform our Namibian society to become physically, emotionally and socially healthier.

PURPOSE

The Bachelor of Science in Occupational Therapy Honours is designed to equip occupational therapists with comprehensive knowledge, skills and attitudes that will help change people's lives through human occupations that are appropriate to their environment, background and health needs. The qualification would provide students with systematic expertise unique to occupational therapists to interpret their conviction about the value of human occupation into practical terms, demonstrating applied competence in all their work endeavors. The Bachelor of Science in Occupational Therapy Honours will produce occupational therapists who are socially responsible, knowledgeable and well skilled to practice as generalists, at all levels of the health services, through the primary health care approach within an African context as appropriate for individuals, groups, communities according to national health priorities.

In addition, the qualification aims at providing individuals, communities and / or populations opportunities to engage in occupations (activities) in order to build a well-functioning society. These occupations are chosen to be a dignifying, health-promoting, meaningful and purposeful and range from self-care, community survival, leisure, play, education and learning, social participation, rest and sleep, and work. Participation can be either active or vicarious. Occupational therapy focuses on health, which included physical, mental, developmental and social aspects of health.

The graduates of this qualification will find employment opportunities in both public and private sectors in Namibians, particularly, in variety of sectors and healthcare settings, including health (hospitals, clinics, community health centres), welfare (homes and other community based facilities), labour, safety and security, industry, education and justice, as well as in Non-Governmental Organisations, self-help organisations, private practice and public enterprises within the local and global arena.

PROGRAMME OUTCOMES

Holders of this qualification are able to:

- Maintain a safe working environment sensitive to the psychological and physiological needs of patients and make appropriate adjustments;
- Diagnosis or initial hypothesis which is congruent with the pathology, impairment, functional limitation or disability and prioritize selection of tests and measurements
- Select appropriate assessment techniques and request for diagnostic procedures, tests in a cost-effective manner and interpret results;
- Synthesize examination results from tests to make clinical diagnosis for physical therapy interventions and make clinical decisions/judgements
- Find physical therapy solutions of care in collaboration with the patient, family, care giver, and others involved in the delivery of healthcare services
- Manage independently and effectively patients through prevention, treatment or rehabilitative methods
- Perform interventions/procedures in a safe, effective efficient, logical and coordinated manner
- Manage pain and provide palliative care to patients and families
- Diagnose and present clinical decisions based on logic, rationale, evidence and within context of ethical practice
- Document all aspects of physical therapy care and develop a final rehabilitation plan

ARTICULATION OPTIONS

Graduates of the Bachelor of Science in Occupational Therapy Honours would articulate to the Master of Occupational Therapy, or a related cognate area of learning, at NQF level 9. This qualification has been endorsed by members of the Stakeholders Advisory Committee.

DURATION OF STUDY

The minimum duration for full-time study programme extends over a period of four (4) years. The maximum period of full-time study is six (6) years.

DELIVERY MODE

The qualification focuses on the engagement of students in an interactive learning process in order to provide for the development of generic cognitive and intellectual skills, key transferable skills, and, as the case may be, subject specific professional and/or technical practical skills. The learning process will be facilitated both in and outside the classroom, requiring specific tasks to be carried out by the student. This facilitation will make use of, inter alia, lectures, practical projects, tutorials, case studies, problem based learning and individual and/or group

work as well as excursions. Multimedia courses offering online tutorials and lectures will also be used. The progress of learning embedded in such tasks will be monitored, recorded and assessed. The programme is offered on a full-time basis at the Health Sciences Campus.

QUALITY ASSURANCE

Each module will have one or more examiners and one moderator. Moderators will be identified externally. The required minimum qualification of the moderator will be at least a Master degree. The moderators must also be knowledgeable individuals who are well-respected experts in Occupational Therapy. Lecturing staff will set and mark tests/assignments and/or examinations which will, together with relevant study material of that particular course and other material containing course learning outcomes in the context of the qualification learning outcomes, be forwarded to the moderator for moderation purposes, therefore, ensuring quality of the assessment and the qualification as a whole. The examinations, memoranda and course outlines will be forwarded to moderators, approved by Senate, for moderation. The thesis will be moderated in accordance with the University's rules for studies at postgraduate level.

MINIMUM REQUIREMENTS FOR RE-ADMISSION INTO THE FACULTY

A student will not be re-admitted into the School if s/he has not obtained at least:

- 64 credits at the end of the First Year of registration; at least 2 modules should be non-core
- 160 credits at the end of the Second Year of registration including all UNAM core modules
- 256 credits at the end of the Third Year of registration
- 368 credits at the end of the Fourth Year
- 440 credits by the end of the Fifth year

ADVANCEMENT AND PROGRESSION RULES

In general, a student advances to the following academic level of study when at least 2/3 of the modules of the curriculum for a specific year have been passed. If a student passed only 1/3 of the full curriculum of a specific year, he/she may not register for any modules of the following year. In all cases, pre-requisites for modules have to be passed before a student can proceed to register for modules that require pre-requisites.

- **From year 1 to year 2:** At least 120 credits prescribed for year 1 must be passed.
- **From year 2 to year 3:** All first-year modules plus at least 120 credits prescribed for year 2 must be passed.
- **From year 3 to year 4:** All first, second and third-year modules must be passed.

MAXIMUM NUMBER OF MODULES PER YEAR

No student will be allowed to register for more than the following credits as indicated below

- Year 1: 152 credits
- Year 2: 168 credits
- Year 3: 152 credits
- Year 4: 128 credits

REQUIREMENTS FOR QUALIFICATION AWARD

This qualification will be awarded to candidates credited with a minimum of 552 credits, and who have met all the requirements of the degree programme, including field/clinical placements and portfolios. A minimum of 1100 clinical hours should be acquired.

CURRICULUM FRAMEWORK

Module	Outcomes of Learning	Year
Core Modules		
Computer Literacy	Apply practical computer skills to effectively use Microsoft Windows, Microsoft Word, Microsoft Excel and Microsoft PowerPoint.	1
English for Academic Purpose	Develop a student's understanding and competencies regarding academic conventions such as academic reading, writing, listening and oral presentation skills for academic purposes.	1
Contemporary Social Issues	Formulate, construct and justify the arguments around academic, social, economic and political reasoning, with regards to HIV/AIDS and ethical issues.	1
Basic Science & Medical Science		
Medical Physics	Demonstrate an understanding of concepts and principles of physics that have direct relevance in the learning and practice of occupational therapy.	1
Embryology and Introduction to Anatomy	Apply principles of cell biology, histology, human embryology and introduction to anatomy.	1
Anatomy For Allied Health Sciences	Display detailed knowledge of the anatomy and histology of the upper and lower limbs and the organs of human body.	1
Systems Physiology I	Demonstrate an understanding of the concepts of how cells, tissues, organs, and organ systems function together to create one human organism. The course lays the basis for understanding diagnosis and treatment of diseases.	1
Systems Physiology II	Apply and incorporate basic physiology principles in the appropriate clinical context and be aware of physiological research to improve diagnoses and treatments of diseases. Understand why and how the human body maintains homeostasis.	1
Social Science & Communication		
Sociology of Health and Disease	Display knowledge and skills necessary to practice in different social-cultural settings.	1
Local Language for Health science communication	Approach patients and relatives in a culturally sensitive manner in a language/culture that is not their home language/culture.	2

Psychology and Psychiatry		
Developmental Psychology	Analyse human behaviour as a response to nature (genetics) and nurture (environmental factors)	2
Psychopathology for Occupational Therapy	Discuss integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology;	3
Psychiatry for Occupational Therapy	Apply depth knowledge of the most common psychiatric conditions encountered in Namibia, their aetiology, prevalence, their medical management and the implications of the relevant Acts of Parliament.	3
Occupational Science and Occupational Therapy Science		
Occupational Science I	Describe the difference between occupational therapy and occupational science, the history of both and to analyse occupation.	1
Occupational Science II	Discuss various forms of occupational risk/dysfunction, focusing on environmental determinants and the implementation of occupational justice.	2
Occupational Science III	Apply principles of research to analyse occupational determinant of health and occupational justice at community level.	2
Occupational Therapy Science I	Describe the themes covered in occupational therapy science, and the relevance of occupational therapy as a health science from a Human Rights perspective	1
Occupational Therapy Science II	Assess a patient in order to create an occupational therapy intervention plan, covering all the fields of practice of the occupational therapy profession.	2
Occupational Therapy Science III	Apply clinical skills regarding somato-sensory, psychosocial conditions, Community Development and Community Based Rehabilitation across all age groups and create professional intervention plans and programme.	3
Occupational Therapy Interventions	Apply variety of Namibian occupations that produce either a tangible or and intangible outcome.	2
Professional Practice		
Professional Practice	Analyse a clinical/ professional situation in terms of the allied health sciences code of ethics and the Namibian code of conduct and practice in compliance of both.	2
Clinical Science & Pharmacology		
Clinical Sciences I	Discuss common medical, neurological and psychiatric conditions encountered in Namibia, their aetiology, prevalence and their medical management with the skill to obtain the same knowledge of any other disease encountered.	2
Clinical Sciences II	Discuss common surgical, neurosurgical, orthopaedic surgical and other surgical conditions (e.g. ear nose and throat) encountered in Namibia, their aetiology, prevalence and their medical management with the skill to obtain the same knowledge of any other disease encountered.	2
Applied Occupational Therapy		
Applied Occupational Therapy I	Apply clinical reasoning processes to complex cases in order to sharpen the professional thinking	3
Applied Occupational Therapy II	Apply clinical reasoning processes to complex cases across all service levels in order to sharpen professional thinking and reasoning.	3
Applied Occupational Therapy III	Apply professional reasoning processes to complex cases (psychosocial and somatosensory conditions alongside each other) across all service levels in order to sharpen professional thinking and reasoning.	4
Applied Occupational Therapy IV	Apply principles of professional and ethical practice in all settings, with the emphasis of lifelong learning as an ethical principle.	4
Clinical Occupational Therapy		
Clinical Occupational Therapy I	Integrate practical skills and theoretical knowledge regarding somato-sensory and psychosocial conditions, the occupational therapy assessments of the conditions, and principles of ethical practice in a clinical setting to consider an occupation therapy intervention plan.	2
Clinical Occupational Therapy II	Integrate practical skills and theoretical knowledge regarding somato-sensory and psychosocial conditions, Community Development and Community Based Rehabilitation across all age groups and the occupational therapy assessments and professional interventions as well as the principles of ethical practice in a clinical and community setting and implement the occupation therapy intervention plan.	3
Clinical Occupational Therapy III	Practice occupational therapy in all fields of practice taught at undergraduate level with minimum of professional supervision.	4
Research		
Statistics for Health Sciences	Analyse data that can be used to provide honest information about unanswered biomedical questions and health status of populations.	1

Research Methods	Apply research methodologies used in medical and occupational therapy research and create an occupational therapy research proposal.	3
Research Project	Design, execute, analyse and write up own research project at a level of possible publication in undergraduate research journals.	4

SUMMARY TABLE FOR ALL MODULES

Module code	Module name	NQF Level	Credits	Contact hours per week	CA : EXAM Weights	Pre-requisite
Year 1 Semester 1						
CLC3509	Computer Literacy	5	8	2	100% CA	
CSI3580	Contemporary Social Issues	5	4	1	100% CA	
LEA3519	English for Academic Purposes	5	16	4	50:50	
ATM3511	Embryology and Introduction to Anatomy	5	16	3+4P	50:50	
PLG3501	Medical Physics	5	8	2	50:50	
OTH3501	Occupational Science I	5	8	2+2P	50:50	
PLG3511	Systems Physiology I	5	16	3+4P	50:50	
Total Credits Semester 1						76

Year 1 Semester 2						
CSI3580	Contemporary Social Issues	5	4	1	100% CA	
OTH3502	Occupational Therapy Science I	5	8	2+2P	50:50	
RID3512	Statistics for Health Sciences	5	16	4	40:60	
CMM3512	Sociology of Health and Disease	5	16	3+4P	50:50	
ATM3532	Anatomy for Allied Health Sciences	5	16	3+4P	50:50	
PLG3512	Systems Physiology II	5	16	3+4P	50:50	
Total Credits Semester 2						76
TOTAL CREDITS YEAR 1						152

Year 2 Semester 1						
OTH3680	Occupational Therapy Interventions	6	12	6P	100% CA	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, PLG3501
OTH3690	Occupational Therapy Science II	6	12	3+3P	50:50	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, RID3512, PLG3501
OTH3601	Occupational Science II	6	8	2+2P	50:50	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512,

						RID3512, PLG3501
PCT3600	Developmental Psychology	6	8	2	50:50	
OTH3611	Clinical Sciences I	6	16	4	50:50	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512
PTY3681	Professional Practice	6	12	3	50:50	OTH3501, OTH3502
Total Credits Semester 1						68
Year 2 Semester 2						
OTH3680	Occupational Therapy Interventions	6	12	6P	100% CA	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, PLG3501
OTH3690	Occupational Therapy Science II	6	12	3	50:50	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, RID3512, PLG3501
OTH3602	Occupational Science III	6	8	2+2P	50:50	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, RID3512, PLG3501
PCT3600	Developmental Psychology	6	8	2	50:50	
OTH3612	Clinical Sciences II	6	16	4	50:50	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512
OTH3622	Clinical Occupational Therapy I	6	8	Total 80 hours	100% CA	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, PTY3681
LCH3682	Local Language for Health Science Communication	6	4	1	100% CA	
Total credits Semester 2						68
TOTAL CREDITS YEAR 2						136
Year 3 Semester 1						
OTH3710	Occupational Therapy Science III	7	16	4+3P	50:50	OTH3690, OTH3611, OTH3612
OTH3780	Clinical Occupational Therapy II	7	20	Total 200 hours	100% CA	OTH3622, PTY3681, OTH3690
PTY3700	Research Methods	7	8	2	100% CA	
OTH3700	Psychiatry for Occupational Therapy	7	8	2	50:50	PCT3600
OTH3711	Applied Occupational Therapy I	7	16	3+2P	50:50	OTH3611, OTH3612
Total Credits Semester 1						68
Year 3 Semester 2						

OTH3710	Occupational Therapy Science III	7	16	4+3P	50:50	OTH3690, OTH3612	OTH3611,
OTH3780	Clinical Occupational Therapy II	7	20	Total hours 200	100% CA	OTH3622, OTH3690	PTY3681,
OTH3712	Applied Occupational Therapy II	7	16	3+2P	50:50	OTH3611, OTH3612	
PTY3700	Research Methods	7	8	2	100% CA		
OTH3700	Psychiatry for Occupational Therapy	7	8	2	50:50	PCT3600	
Total credits Semester 2						68	
TOTAL CREDITS YEAR 3						136	
Year 4 Semester 1							
OTH3810	Research Project	8	16	4	100% CA	All 3 rd year modules passed	
OTH3801	Applied Occupational Therapy III	8	8	4 integrated	50:50	All 3 rd year modules passed	
OTH3880	Clinical Occupational Therapy III	8	40	Total hours 400	100% CA	All 3 rd year modules passed	
Total Credits Semester 1						64	
Year 4 Semester 2							
OTH3810	Research Project	8	16	4	100% CA	All 3 rd year modules passed	
OTH3802	Applied Occupational Therapy IV	8	8	4 integrated	100% CA	All 3 rd year modules passed	
OTH3880	Clinical Occupational Therapy III	8	40	Total hours 400	100% CA	All 3 rd year modules passed	
Total credits Semester 2						64	
TOTAL CREDITS YEAR 4						128	
TOTAL CREDITS FOR THE PROGRAMME						552	

SPECIFIC MODULE DESCRIPTORS

YEAR 1

CONTEMPORARY SOCIAL ISSUES	CSI3580
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NQF Level:5 **Credits:** 8 **Contact hours:** 1 hour per week for both semesters.

Module assessment: Continuous flexible modes of assessment: 100% Continuous assessment.

Compulsory/Electives: Compulsory

Module Description:

This module aims at encouraging behavioral change among UNAM students with special reference to their sexual behavior and to inculcate the primacy of moral reasoning in their social relations and their academic lives.

Special emphasis will be placed on the construct of citizenship and its relation to democracy and the common good. Critical transformative theory will underline the content of CSI. The following six areas will be covered: Learning Strategies and Approaches; Norms, Rules and Human Conduct; Leadership, Citizenship, Democracy and Common Good; Ethics; Health and Human Sexuality; Environment and Sustainability.

COMPUTER LITERACY	CLC3509
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NQF Level: 5 **Credits:** 8 **Contact hours:** 2 hours per week for one semester
Module assessment: Continuous flexible modes of assessment: 100% Continuous assessment.

Compulsory/Electives: Compulsory

Module Description:

Understanding computer systems and technology: The problem-solving base approach; Structure and components of a modern computer processor, memory, hard drives, disk drives, interfaces; The Windows based environment. Principles of information processing: word-processing, spreadsheets, presentations, databases; nature and use of software. Practical exercises: Use of MS Word, Excel, PowerPoint; Communication using email; Overview of Internet.

COMPUTER LITERACY	CLC3509
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NQF Level: 5 **Credits:** 8 **Contact hours:** 2 hours per week for one semester
Module assessment: Continuous flexible modes of assessment: 100% Continuous assessment.

Compulsory/Electives: Compulsory

Module Description:

Understanding computer systems and technology: The problem-solving base approach; Structure and components of a modern computer processor, memory, hard drives, disk drives, interfaces; The Windows based environment. Principles of information processing: word-processing, spreadsheets, presentations, databases; nature and use of software. Practical exercises: Use of MS Word, Excel, PowerPoint; Communication using email; Overview of Internet.

ENGLISH FOR ACADEMIC PURPOSE	LEA3519
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NQF level: 5 **Notional hours:** 160 **Contact Hours:** 4
hours per week for one semester **NQF Credits:** 16 **Pre-requisite:**
English (IGCSE B symbol) or LCE3419

Compulsory/Electives: Compulsory

Semester offered: 1.

Continuous Assessment: 50% (minimum of 2 class tests and 2 assignments)

Examination: 50% (1 x 3 hours' paper)

Compulsory/Electives: Compulsory

Module Description:

This module develops a student's understanding and competencies regarding academic conventions such as academic reading, writing, listening and oral presentation skills for academic purposes. Students are required to produce a referenced and researched essay written in formal academic style within the context of their university studies. Students are also required to do oral presentations based on their essays. The reading component of the module deals with academic level texts. This involves students in a detailed critical analysis of such texts. The main aim is therefore to develop academic literacy in English.

EMBRYOLOGY AND INTRODUCTION TO ANATOMY	ATM3511
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Code: ATM3511
NQF level: 5
Notional hours: 160
Contact hours: 3 + 4p hours per week for one semester
NQF Credits: 16
Pre-requisite: None
Compulsory/Electives: Compulsory
Semester offered: 1

Module Description:

The module provides building blocks to master the following topics i) man's place in the organismic kingdom. ii) basic embryological concepts. iii) histological structure and function of the primary tissues in the body. iv) terminology and definitions in anatomy and v) organs and systems anatomy. The module includes an introduction to microscopy and methods in microscopy.

The module consists of the following entities and themes which gradually progress from cells, tissues, organs to organ systems: Cell biology, consisting of structure and function of cells and cell organelles and biological communication. Embryology, consisting of basic anatomy and physiology of reproduction, fertilization, implantation, the placenta, and development of the embryo till trilaminar stage. Introduction to human histology including histology of the basic tissues, namely epithelial tissue, connective tissues, muscle tissue and nervous tissue and introduction to hematology and immunology. Introduction to anatomy including topics: Organismic kingdom, evolution, humans and their environment, history of anatomy, anatomical concept and terms. Introduction to all the major body systems (nervous, sensory, cardiovascular, respiratory, muscular, digestive, urogenital, endocrine, lymphatic, integumentary and immune).

Assessment Strategies

- Continuous Assessment mark: 50%
- Written assessment Class Test 1 15%
- Written assessment Class Test 2 15%

- Written assessment Class Test 3 15%
- Assignment, workbook 5%
- Practical's 50%
- Examination mark:
 - One 2-hour theory examination paper (50%)
 - One practical examination paper (50%)
- Final mark: 50% of exam mark and 50% of CA

MEDICAL PHYSICS	PLG3501
NQF level:	5
Notional hours:	80
Contact Hours:	2 hours per week for one semester
NQF Credits:	8
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

Topics: Units (standards, SI system, converting units, order of magnitude); Motion (displacement, velocity, acceleration, falling objects); Vectors (representation, adding, subtracting scalar product, vector product); Force (Newton's 1st on 3rd laws, mass, weight); Equilibrium (statics, equilibrium, elasticity); Fluids (density, specific gravity, pressure, Pascal's principle, measurement, flow, Bernouli's Principle, viscosity, surface tension, pumps); Waves (wave motion, types of waves, energy, amplitude and frequency, reflection and interference, resonance, refraction and diffraction); gas laws; Temperature (atomic theory, temperature and thermometers, thermal expansion, thermal stress, diffusion); Electricity (charge, field, potential, currents, basic circuits; Magnetism (magnetic fields, electric currents, force, electric charge, ampere and out coulomb, Ampere's Law, torque); Electromagnetism (electromagnetic induction, transformers, transmission of power, production of electromagnetic waves, light and electromagnetic spectrum); Light (wave versus particles, diffraction, refraction, visible spectrum and dispersion); Molecules and Solids (bounding in molecules, weak bounds); Radioactivity (structure and properties of nucleus, binding energy and nuclear forces, radioactivity, alpha, beta, and gamma decay, half-life and rate of decay, radioactive dating).

Assessment Strategies

- Continuous Assessment: 50% (minimum of 2 class tests and assignments)
- Examination: 50% (1 x 3 hours' paper)

OCCUPATIONAL SCIENCES 1	OTH3501
NQF level:	5
Notional hours:	80
Contact hours:	2 hours per week for one semester
NQF Credits:	8
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

Defining occupational science and occupational therapy; Describe what occupational scientists and occupational therapists do (similarities and differences); History of occupational science and history of occupational therapy; Theory of Human Nature and participation in occupation; Describing human occupation and the term "natural occupation"; Analyze the concepts form (physical and sociocultural dimensions) function, and meaning of occupations; Explore human beings as occupational and social beings.

Module assessment:

- Continuous assessment: 50%
- Attendance 10%
- Class test (1) 20%
- Assignment (1) 20%
- EXAM: 50% Assignment (2000 words)

SYSTEMIC PHYSIOLOGY I	PLG3511
Code:	PLG3511
NQF level:	5
Notional hours:	160
Contact Hours:	3+4P hours per week for one semester
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

The study of physiology encompasses a number of fields of study from molecules to ecosystems. Here we begin with an investigation of basic cell processes. The students will be expected to understand how molecular interactions are integral to the generation, storage and utilization of energy, signaling and cellular dynamics. Building upon this we will stress the importance of cellular and tissue

compartmentation and how information flows within a cellular and mass context. The integration of these systems and how they may impact homeostasis is also of critical importance.

Students will familiar them with the components and mechanics of the: Basic Cell Processes, energy and cellular metabolism, membrane dynamics and communication, integration and homeostasis; the cellular and network properties of neurons and how they function within the context of the central and peripheral nervous systems; the muscular skeletal system and the control of body movement; the structure and function of the endocrine system; digestive system; cardiovascular control including blood flow and the control of blood pressure; respiratory mechanics and gas exchange; blood and blood products; renal function and control including fluid and electrolyte balance; exercise and metabolism; reproduction and development.

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 2 tests and 5 laboratory exercises).
- Examination: 50% (1 X 3 hours' paper)

OCCUPATIONAL THERAPY SCIENCE I	OTH3502
Code:	OTH3502
NQF level:	5
Notional hours:	160
Contact Hours:	3+4P hours per week for one semester
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

This module introduces students to the ICF and their understanding of human occupation by including an analytical exploration of the relationship between what people do and their health, well-being and quality of health, in the form of WHO determinants of health. By introducing Erik Erikson's stages of psychosocial development and related actions/tasks/ occupations and by engaging with people of different ages in various practice learning contexts, students gain deeper appreciation of normal human development challenges, how dimensions of occupational performance in self-care and community living and survival; play; work; social interaction unfold across the lifespan and how culture context and ability relate to these. Students are exposed to interviewing techniques and skills and practice; student gain skills in obtaining a narrative from another person in the classroom; Kinesiology, ergonomics and design (synergistic and pathological moment patterns, body alignment, proportions and relationship of these and functioning and disability gap (ICF). Students are introduced to the practice of reflection and reasoning and its values for self-learning and development as a scientifically thinking therapist. In a clinical setting, student apply engaging with narrative, and thus develop an appreciation of the lived experience of having a disability, and how dimensions of occupational performance in self-care, productivity and leisure are affected by disability. Students learn how to describe their understanding of the lived experience of a person with a disability using techniques of interviewing and using narrative.

Module assessment:

- Continuous Assessment: 50%
- Attendance 5%
- Class test (1) 20%
- Assignment(1) 15%
- Reflective Diary 10%
- EXAM: Written 2-hour paper 50%

STATISTICS FOR HEALTH SCIENCES	RID3512
Code:	RID3512
NQF Level:	5
Notional hours:	160
Contact Hours:	4 hours per week for one semester
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content

Describing Univariate Data: Central Tendency, Spread, shape and graphs. Describing Bivariate Data: Scatterplots, Introduction to Pearson's Correlation, Computational formula for Pearson's Correlation, Example values of r, Effect of linear transformations on Pearson's Correlation, Spearman's rho. Introduction to Probability (elementary): Simple probability, Conditional probability, Probability of A and B, Probability of A or B, Binomial distribution. Normal Distribution: What is it? The standard normal distribution: Why is it important? Converting to percentiles and back, Area under portions of the curve, Sampling Distributions. Sampling Distributions: Sampling distribution of the mean, Standard error, Central limit theorem, Area under sampling distribution of the mean, Difference between means, Proportion, Difference between proportions. Confidence Intervals: Overview, Mean, σ known, Mean, σ estimated, General formula, Difference between means of independent groups, σ known, Difference between means of independent groups, σ estimated, Pearson's correlation, Difference between correlations. The Logic of Hypothesis Testing: Ruling out chance as an explanation, The null hypothesis, Steps in hypothesis testing Why the null hypothesis is not accepted, The precise meaning of the p value, At what level is H_0 really rejected? Statistical and practical significance, Type I and II errors, One- and two-tailed tests, Confidence intervals and hypothesis testing following a non-significant finding. Testing Hypotheses with Standard Errors: General formula Tests of μ , σ known, Tests of μ σ estimated, $\mu_1 - \mu_2$, independent groups, σ estimated,

$\mu_1 - \mu_2$, dependent means, σ estimated, Tests of Pearson's correlation, Differences between correlations Proportions Differences between proportions. Chi square: Testing differences between p and π , more than two categories, Chi square test of independence (Introduction, Calculations, Assumptions), Reporting results. Power: Factors affecting power; Size of difference between means, Significance level, Sample size, Variance Other factors, Estimating power. Measuring effects: Variance explained in ANOVA, Variance explained in correlation, Variance explained in contingency tables.

Assessment Strategies

- The continuous assessment (CA): 40% (minimum of 3 tests and 2 assignments).
- Examination: 60% (1 x 3 hours written paper)

SOCIOLOGY OF HEALTH AND DISEASE		CMM3512
Code:	CMM3512	
NQF Level:	5	
Notional hours:	160	
Contact Hours:	3 + 4P hours per week for one semester	
NQF Credits:	16	
Pre-requisite:	None	
Compulsory/Electives:	Compulsory	
Semester offered:	2	

Module Content

Sociological understanding of health, illness and disease considers the structural and social factors and not largely relies on biological medical explanations of health and disease. The structural emphasis will entail consideration of the political, economic and social cultural elements that foster ill/health, as well as the forces that allows/constrain the health care system and individuals' responses to illness. The module also focuses on the indirect pathway between sociology and health/disease and emphasizes the role that beliefs and behaviors play in health and illness.

Furthermore the module will address the sociological definition of disease, explore major theoretical perspectives in health, behavioral science and sociology, the influence of class, gender and ethnicity on health; global and rural health problems; health promotion and community health services among others. This will enable the students to understand the social determinants of health, social construction of illness, social meanings of illness, patterns in the distribution of health and illnesses, people health seeking behaviors; interaction between patients and the health provider. The module will also explore medicine as power and social control and the role of alternative medicines. Students will also examine health-related behaviors and apply many of the theories to specific behaviors, e.g., addictive behaviors and the factors that predict smoking and alcohol consumption as well as Gender Based Violence and HIV. Throughout the module students will focus on the interrelationships between beliefs, behavior and health using the example of placebo effects; illustration of this interrelationship in the context of illness, focusing on HIV, cancer, obesity and coronary heart disease; aspects of women's health; the problems with measuring health status and the issues surrounding the measurement of quality of life.

Assessment Strategies

- Continuous Assessment: 50%
- Attendance 10%
- Student Directed seminars 10%
- Class test (1) 20%
- Assignment (1) 20%
- Group projects (2) 40%
- Final Examination: 50%

ANATOMY FOR ALLIED HEALTH SCIENCES		ATM3532
NQF level:	5	
Notional hours:	160	
Contact hours:	3 + 4p hours per week for one semester	
NQF Credits:	16	
Pre-requisite:	None	
Compulsory/Electives:	Compulsory	
Semester offered:	2	

Module Aims

This module is designed to provide continued study of histological and anatomical systems with the emphasis on occupational therapy outcomes. In this semester special attention is paid to the relation of anatomy of these systems to their function and dysfunction in human movement. It has a strong focus on the mechanical properties of bone, ligaments, tendons, cartilage, neural and muscle tissue as these are the fundamental materials or structures of which the musculoskeletal system is composed. There is some revision of gross anatomy and functional musculoskeletal anatomy of the limbs and trunk as appropriate to the module. In addition to normal function it includes the mechanisms of and adaptations to injury, disease and rehabilitation. Anatomical aspects of posture and locomotion and their changes through the lifespan are also covered.

Assessment Strategies

- Continuous Assessment mark: 50%
- Written assessment Class Test 1 15%
- Written assessment Class Test 2 15%
- Written assessment Class Test 3 15%
- Assignment, workbook 5%
- Practical's 50%

- Examination mark:
 - One 2-hour theory examination paper (50%)
 - One practical examination paper (50%)
 - Final mark: 50% of exam mark and 50% of CA

SYSTEMIC PHYSIOLOGY II	PLG3512
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Code:	PLG3512
NQF level:	5
Notional hours:	160
Contact Hours:	3 + 4P hours per week for one semester
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content

The study of physiology encompasses a number of fields of study; from molecules to ecosystems. Here we begin with an investigation of basic cell processes. The students will be expected to understand how molecular interactions are integral to the generation, storage and utilization of energy, signaling and cellular dynamics. Building upon this we will stress the importance of cellular and tissue compartmentation and how information flows within a cellular and mass context. The integration of these systems and how they may impact homeostasis is also of critical importance. By the end of the module students will also be familiar with the components and mechanics of the:

Basic cell processes including cells and tissues, energy and cellular metabolism, membrane dynamics and finally, communication, integration and homeostasis

The cellular and network properties of neurons and how they function within the context of the central and peripheral nervous systems

The muscular skeletal system and the control of body movement

The structure and function of the endocrine system

Digestive System

Cardiovascular control including blood flow and the control of blood pressure

Respiratory mechanics and gas exchange

Blood and blood products

Renal function and control including fluid and electrolyte balance

Exercise and metabolism

Reproduction and development

Methods of Facilitation of Learning

Assessment Strategies

- The continuous assessment (CA): 50% (minimum of 2 tests and 5 laboratory exercises).
- Examination: 50% (1 X 3 hours' paper)

YEAR 2

OCCUPATIONAL THERAPY INTERVENTIONS	OTH3680
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Code:	OTH3680
NQF level:	6
Notional hours:	240
Contact hours:	6P hours per week
NQF Credits:	24
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512 RID3512, PLG3501
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content:

This module will cover the following theoretical aspects of a number of indoor activities (such as cookery and nutrition, wool crafts, pottery, paper crafts, sewing, leather crafts, jewellery making, wire craft, string craft, woodwork and performing arts), as well as outdoor activities (soccer, basketball, netball, volleyball, fun ball games athletics and other outdoor games, indoor/outdoor gardening) history of, purpose of, materials needed, tools/implements/equipment needed, care, maintenance and storage of these and precautionary measures. Practical skills for all these activities need to be acquired.

Assessment Strategies

- Continuous Assessment: 100%

- Attendance 20%
- Reflective Diary 30%
- Portfolio 1 20%
- Portfolio 2 20%
- Group activity 10%

OCCUPATIONAL THERAPY SCIENCE II	OTH3690
Code:	OTH3690
NQF level:	6
Notional hours:	240
Contact hours:	3 + 3P hours per week for both semesters
NQF Credits:	24
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532 PLG3511, PLG3512, RID3512, PLG3501
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content:

Foundation of Occupational Therapy (philosophy of occupational therapy (Adolf Meyer/ Eleanor Clark Slagle; Medical approaches, social approaches, occupational approaches); Foundation of Occupational Therapy in Namibia. Selected frame works used in occupational therapy (WHO ICF (2002) and ICF-CY (2001), (2008), and Occupational Therapy Models (CAOT Canadian Model of Occupational Performance - Engagement (2007), and Kielhofner's Model of Human Occupation practice and models (MOHO, CMOP -E and PEO, Vona du Toit's MOCA, Occupation Based Community Development Framework (ObCD) and the models change modalities. Introduction to function (Based on ICF (2002) such as mental, sensory, pain musculoskeletal and movement related, cardiovascular, respiratory, genitourinary and reproductive functions and AOTA Occupational Therapy Practice Framework -Domains and Framework (2014);Activity analysis (with reference to above-mentioned functions, e.g. physical (muscles, joints, physical endurance etc.), mental (concentration, attention, higher cognitive functions) emotional (gratification, locus of control, number of steps, concept formation), social and community requirements (intra- and interpersonal relationships, emotional intelligence, adhering to social standards etc.).

Module assessment:

- Continuous Assessment: 50%
- Attendance 10%
- Class test (4) 40%
- EXAM: 1x3 hour written paper 50%

OCCUPATIONAL SCIENCE II	OTH3601
Code:	OTH3601
NQF level:	6
Notional hours:	80
Contact hours:	2 +2P hour per week for one semester
NQF Credits:	8
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532 PLG3511, PLG3512, RID3512, PLG3501
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Content:

Occupational risk factors (injustice, justice, marginalization, imbalance, deprivation and alienation) and how people, the physical environment, government policies, economic factors, cultural believes etc. impact on occupational justice). Analyze occupation as means (roles, purpose and meaning), as an end (acquiring skills, earn a living, overt or covert, tangible or intangible) and as a means to an end. Relate occupational injustice to practice situations (Intersectional Analysis). Analyze themselves as occupational beings and identify which occupations require active engagement, which passive and which vicarious. Complete an occupational profile for an identified person and identify links between human occupation, health and well-being combining the all the above-mentioned analytical elements. e.g. occupational risk factors.

Methods of Facilitation of Learning

- Lectures, projects, group work, video or movie clips, field trip (visits).

Module assessment:

- Continuous Assessment: 50%
- Attendance 5%
- Class test (1) 15%
- Assignment(1) 15%
- Assignment (2) 15%
- EXAM 50%: 1x3 hour written paper

OCCUPATIONAL SCIENCE III	OTH3602
Code:	OTH3602
NQF level:	6
Notional hours:	80
Contact hours:	2 +2P hours per week for one semester
NQF Credits:	8
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, RID3512, PLG3501
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content:

Search for the philosophical and theoretical perspectives of occupation by devising information seeking strategies; using appropriate paper and electronic search tools effectively and appraise information. Exploration of the current body of knowledge relating to occupational science, including health and well-being; Explore occupation and temporality, occupational and human development, the relationship between occupational science occupational therapy and other scientific disciplines.

Methods of Facilitation of Learning

- Lectures, projects, group work, video or movie clips, field trip (visits).

Module assessment:

- Continuous Assessment: 50%
- Attendance 5%
- Class test (1) 15%
- Assignment(1) 15%
- Assignment (2) 15%
- EXAM 50%: 1x3 hour written paper

DEVELOPMENTAL PSYCHOLOGY	PCT3600
Code:	PCT3600
NQF Level:	6
Notional hours:	160
Contact Hours:	2 hours per week for both semesters
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content

The module provides life-span related themes in terms of normal and abnormal development, extrinsic and intrinsic contextual influences and special circumstances, including cultural as well as communication and assessment techniques as follows: Theories of development / learning theories. Developmental Processes and periods including but not limited by biological development, physical, socio-emotional and cognitive development from pre-natal to late adulthood; Language acquisition and communication, memory function; Developmental delays (abnormalities/mental childhood abnormalities/behavioral problems) & decline. Death and Bereavement; Palliative Care. Child abuse (emotional/physical/sexual)/childhood neglect). Introduction to Assessment. Theories of personality. Communication including facilitation of patient compliance. Cultural influences including cultural and language barriers

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 3 tests and 2 assignments)
- Examination: 50% (1 x 3 hours written paper)

CLINICAL SCIENCES I	OTH3611
Code:	OTH3611
NQF level:	6
Notional hours:	160
Contact Hours:	4 hours per week for one semester
NQF Credits:	16
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Content

This module focuses on systemic discussions of the sign and symptoms, diagnosis and management of the most common condition in neurology, internal medicine, geriatrics, pediatrics and community health. The place for psychiatry and psychology in neurosciences will be discussed including the neuroanatomy and physiology related to mental disorders and the classification and terminology defining it. This module is divided into units:

Module Assessment

- Continuous assessment 50% - Min. of 3 block tests (25% each) and 1 logbook (25%) for field visits
- Examination pass mark is 50% - 1 written paper (3 hours)

CLINICAL SCIENCES II	OTH3612
Code:	OTH3612
NQF level:	6
Notional hours:	160
Contact Hours:	4 hours per week for 16 weeks
NQF Credits:	16
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content

This module focuses on surgical management and will include the basic concepts and terminology as well as an insight in the management of a surgical patient during all phases of treatment. Units included are general surgery, orthopedics, neurosurgery, obstetrics and gynecology, ophthalmology, and plastics and reconstructive surgery

Assessment Strategies

- Continuous assessment 50% - Min. of 3 block tests (25% each) and 1 logbook (25%) for field visits
- Examination pass mark is 50% - 1 written paper (3 hours)

PROFESSIONAL PRACTICE	PTY3681
Code:	PTY3681
NQF level:	6
Notional hours:	120
Contact Hours:	3 hours per week for one semester
NQF Credits:	12
Pre-requisite:	OTH3501, OTH3502
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Content

Medical Ethics and Philosophy: This module is designed to describe the basic principles of professional conduct, ethics and legal practice in health, with particular emphasis on social values, norms and culture of the Namibian society. A student will be able to professionally engage in his/her medical practice, observe professional conduct with regard to patients, their families and professional colleagues, evaluate ethical dilemmas and give professional evidence in a court of law. Topics covered include: basic principles of ethics and philosophy in health; social obligations, values and norms with the emphasis of the Namibian society regarding health; the patient-physiotherapist relationship; common ethical dilemmas: fundamental ethical guidelines, conflicts between beneficence and autonomy, patients who lack making-decision capacity, decision about life-sustaining interventions, conflicts of interest; basic principles of medico-legal practice, review of the health related Namibian legislative code.

Methods of Facilitation of Learning

Assessment Strategies

- Continuous assessment (50%): 2 x written tests, 2 assignments
 - End of module examination (50%): 1 x 3-hour paper

CLINICAL OCCUPATIONAL THERAPY I	OTH3622
Code:	OTH3622
NQF level:	6
Notional hours:	80
Contact Hours:	80 of integrated learning for one semester
NQF Credits:	8
Pre-requisite:	OTH3501, OTH3502, ATM3511, ATM3532, PLG3511, PLG3512, PTY3681
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content:

Patient rights (autonomy, privacy, beneficence, justice, informed consent, right to refuse treatment, participation, etc.) Gatekeeping (referrals, requests for intervention, permission to enter premises/community/institution). Conduct visits to non-clinical settings in which occupational therapy could be meaningful (prison services, old age homes, orphanages, self-help schemes, craft projects, etc. aiming at sharpening observation skills); Engage a person in a non-clinical setting in occupation and narrative (sharpen interviewing skills and skills of facilitating engagement in occupation). Formulating results (including results obtained from observations, narratives, co-lateral information and reflection).

Methods of Facilitation of Learning

Module assessment:

- Continuous Assessment: 100%
- Logbook 20%
- Class test (1) 25%
- Assignment (1) 25%
- Reflective Diary 30%

LOCAL LANGUAGE FOR HEALTH SCIENCE COMMUNICATION		LCH3682
Code:	LCH3682	
NQF level:	6	
Notional hours:	40	
Contact Hours:	1 hour per week for one semester	
NQF Credits:	4	
Pre-requisite:	None	
Compulsory/Electives:	Compulsory	
Semester offered:	2	

Module Content

This module develops a student's understanding regarding social norms and confessions in one other population group in Namibia; listening, verbal and non-verbal communication; medical terminology and construct of common symptoms in the relevant language.

Assessment Strategies

- 100% Continuous Assessment consisting of at least six interactive engagement of dialoging in class

YEAR 3

OCCUPATIONAL THERAPY SCIENCE III		OTH3710
Code:	OTH3710	
NQF level:	7	
Notional hours:	320	
Contact Hours:	4+3P hours per week for both semesters	
NQF Credits:	32	
Pre-requisite:	OTH3690, OTH3611, OTH3612	
Compulsory/Electives:	Compulsory	
Semester offered:	1 and 2	

Module Content:

Revision of previous years' concepts and models (Reflection and reflexivity, Performance enablers and change theories, OT Targets, OT theoretical frameworks, Change modalities, Performance enablers, Intervention principles, interviewing skills, assessments). Intervention techniques and how they can be used in enabling a person's participation in life through the use of occupational therapy change modalities: Intervention Techniques; Bobath neuro-developmental treatment techniques; Muscle strengthening techniques and techniques of improving ROM, eliciting balance reactions and retraining balance; Bandaging techniques (amputation stump forming); Stress Management techniques (Indications for relaxation training, Structure and handling principles. Frames of Reference: Behavioral and cognitive perspectives, Learning, Memory, Assessment. Group management techniques (group dynamics, principles of groups, Types of groups - aims, handling and structuring, Leadership styles, establishing a group; forming of groups – forming storming- norming-performing). Warm ups ("actions speak louder type of activities" and warm up games. Evocative techniques: Drama: Remedial drama - puppets, masks, role play, Definition, Relationship between role-play and psychodrama, Aims of role-play, Methods and approaches. Management (Logic model and application thereof for projects and occupational therapy programmes (population), including introduction to Monitoring and Evaluation (M & E); Competing Values Framework (MC Quinn and The McKinsey 7S management framework and its application to occupational therapy practice. Intervention techniques and how they can be used in enabling a person's participation in life through the use of occupational therapy change modalities: Sensory modulation techniques and Intervention strategies (Sensory processing and modulation, sensory regulation, sensory diet, sensory integration, and how all this fit into occupational therapy using change modalities. Community based rehabilitation (institution and non-institution based); Population health (advocacy to address occupational participation and the multiple determinants of health, community and population directed interventions - analysis, intervention strategies, occupation based proposals); Occupational therapy theory and intervention (approaches, philosophies, professional reasoning), critiquing Models and approaches. Professional behavior in clinical settings (Hierarchies in wards/ ward rounds, communication channels, accountability, supervision) Methods of Facilitation of Learning

Module assessment:

- Continuous Assessment (50%)
 - Attendance 10%
 - Class test (2) 20%
 - OSCE 20%
- EXAM (50%) 1x 3 hours written paper 25%
- OSCE 25%

CLINICAL OCCUPATIONAL THERAPY II		OTH3780
NQF level:	7	
Code:	OTH3780	
NQF level:	7	
Notional hours:	400	
Contact hours:	Total 400 hours for both semesters	
NQF Credits:	40	
Pre-requisite:	OTH3622, PTY3681, OTH3690	
Compulsory/Electives:	Compulsory	
Semester offered:	1 and 2 Module Aims:	

Module Content:

Preparation for service training (logbooks, attendance registers, case study outline, case study requirements, ethical behavior, professional behavior, work ethics). Evaluation of service training (explain assessment strategies and evaluation). Supervision of service training (explain supervisor agreement forms, importance of signing agreements, documentation of supervision). Service learning settings (introduction to settings, aims, gateways, arrangements, rules, working hours at facility). Three service training blocks at community or non-acute clinical settings, each 70 contact hours (210). Apply ALL steps of the occupational therapy practice process: Collateral /background information (Obtain background information, plan interview, occupational profile of client, use observation and narrative to determine strengths and weaknesses). Assessment (choose appropriate assessments (body function and body structure level as well as activity and participation level, either standardized or non-standardized assessment tools and compile problem list. Identify contra indications; Intervention plan (collaboratively and evidence based, formulate intervention goals, using all available gathered information, focusing on relevant occupational therapy targets. Design intervention and monitoring plan by choosing appropriate occupations at the “just right challenge”, criteria to measure change, change modalities, plan for actions of therapists as therapeutic agent, plan environment and support structures and precautionary measures). Implement intervention plan and monitor change (observe, benchmark participation, satisfaction and change with set criteria and amend intervention plan as needed). Re-assessment (only if applicable). Evaluation (Reflective notes on the process, interactions, disappointments, challenges, successes, corrective measures etc.)

Module assessment:

- Continuous Assessment: 100%
- Logbook & Portfolio 10%
- Class test (1) 20%
- Clinical Practical (1) 20%
- Case studies (6) 50%

PSYCHIATRY FOR OCCUPATIONAL THERAPY	OTH3700
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Code:	OTH3700
NQF :	7
Notional hours:	160
Contact Hours:	2 hours per week for both semesters
Credits:	16
Pre-requisite:	PCT3600
Compulsory/Electives:	Compulsory
Semester offered	1 and 2

Module Content:

In this module students are introduced to the following topics: Diagnoses of patients with mental/psychiatric disorders, neuropsychiatry, behavioral neurology and psychopharmacology; application of medical and psychopathological knowledge and procedural skills to collect and interpret data, make appropriate clinical decisions; carry out diagnostic procedures using an appropriate combination of biological, psychological and sociological methods, including up-to-date ethical and cost-effective clinical practice and effective communication with patients, other health care providers and the community; psychiatrist as communicator, collaborator, health advocate, manager, scholar and professional; theories of personality and psychopathology; examination of the psychiatric patient; classification of mental/psychiatric disorders; close connections with neuropsychiatry and behavioral neurology, general pharmacology, psychopharmacology and gross and functional anatomy of the brain (including neuro-imaging) as tools for making psychiatric diagnoses; psycho-pathology.

Methods of facilitation of learning

Assessment strategies

- Continuous assessment 50%
- Attendance 10%
- Class test (2) 40%
- Examination 1x3 hour written paper 50%

APPLIED OCCUPATIONAL THERAPY I	OTH3711
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Code:	OTH3711
NQF Level:	7
Notional hours:	160
Contact Hours:	3+2P hours per week for one semester
NQF Credits:	16
Pre-requisite:	OTH3611, OTH3612
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Content:

Students are exposed to pathology prognosis, prevalence and incidence, special examinations, medical intervention, complications, and interventions of other health professionals, of health conditions related to functions of the cardiovascular, haematological, immunological and respiratory systems, genitourinary and reproductive functions, neuro-musculo-skeletal and movement-related functions, functions of the skin and related structures, structure of the nervous system, structure of the cardiovascular, immunological and respiratory systems,

structure related to genitourinary and reproductive systems, structures related to movement, skin and related structures across all ages; Students select techniques, change modalities and learn protocols to restore loss of function due to impairment and prevent secondary complications or disability, related to the above mentioned health conditions across all ages; Students evaluate occupations that contribute to restorative and preventative programmes in terms of above mentioned health conditions across all ages; Students will identify occupational therapy models (CMOP -E; MOHO, V du Toit MOCA etc.) and theories (Neuro-developmental, sensory modulation, theories of learning and knowledge transfer, theories of change, theories of motivation, theories of goal setting etc.), precautionary measures (positioning, structural support, etc.) in planning intervention programmes across all ages. Students will apply knowledge and skills in Work rehabilitation, vocational rehabilitation, and protected employment. Furthermore, students will be able to design or recommended an ergonomic workstation for given case studies.

Assessment Strategies

- Continuous assessment 50%
 - Attendance 10%
 - Class test (2) 40%
- Examination 50%
 - OSCE's 25%
 - 1x3 hour written paper 25%
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RESEARCH METHODS	PTY3700
Code:	PTY3700
NQF level:	7
Notional hours:	160
Contact Hours:	2 hours per week for both semesters
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content

This module covers the following topics: Introduction to Quantitative research and Qualitative research, Literature Review, Identification, selection, analysis and formulation of the research problem; Identification and formulation of the research question; Hypotheses formulation. Formulate a problem statement and justification of the study, formulation of the study objectives. Classification of study types: Descriptive studies, Exploratory Studies, Cross-sectional studies, Case report, case series, correlational studies. Analytical studies: Cohort studies, Case control studies, Comparative Cross sectional studies. Intervention studies: Clinical trials, Experimental studies, Quasi-experimental studies, fields interventional studies. The advantages and disadvantages of the different of studies design. Sampling Methods: Non-probability sampling, Probabilistic or random sampling; sample size determination. Study population, Specification study variables, and types of variables. The Data collection methods: Data collection techniques, development of data collection tools and/or questionnaires. Report writing and use of The Harvard referencing system.

Assessment Strategies

- 100% continuous assessment :
 - Class tests (2) 25%
 - Assignments (2) 25%
 - Proposal 50%

APPLIED OCCUPATIONAL THERAPY II	OTH3712
Code:	OTH3712
NQF Level:	7
Notional hours:	160
Contact Hours:	3+2P hours per week for one semester
NQF Credits:	16
Pre-requisite:	OTH3611, OTH3612
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content:

Students are exposed to psycho and occupational-pathology, prognosis, prevalence and incidence, special examinations, medical intervention, complications, and interventions of other health professionals of the following conditions:

Neurodevelopment disorder, schizophrenia spectrum and other psychotic disorders, bipolar and related disorders, anxiety disorder, obsessive-compulsive and related disorders, trauma- and stressor-related disorders, somatic symptom and related disorders, feeding and eating disorders, elimination disorder, sleep/wake disorders, sexual dysfunctions gender dysphoria, disruptive, impulsive control and conduct disorder (CID), substance-related and addictive disorders, neurocognitive disorders, personality disorders, medication-induced movement disorders and other adverse effects of medication; Students select techniques, change modalities and learn protocols to restore loss of function due to impairment and prevent secondary complications or disability, related to the above mentioned disorders; Students evaluate occupations that contribute to restorative and preventative programmes in terms of above mentioned disorders. Students will identify occupational therapy models (CMOP -E; MOHO, V du Toit MOCA etc.) and theories (Neuro-developmental, sensory modulation, theories of learning and knowledge transfer, theories of change, theories of motivation, theories of goal setting etc.), precautionary and safety measures (structuring the environment, choice of tools, materials, occupations, etc.) in planning intervention programmes.

Assessment Strategies

- Continuous assessment 50%
 - Attendance 10%
 - Class test (2) 40%
- Examination 50%
 - OSCE's 25%
 - 1x3 hour written paper 25%

YEAR 4

RESEARCH PROJECT	OTH3810
Code:	OTH3810
NQF level:	8
Notional hours:	320
Contact Hours:	4 hours per week for both semesters
NQF Credits:	32
Pre-requisite:	All 3 rd year modules passed
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content

Research proposal is written before the fourth year commences. Ethical clearance is obtained in first quarter of first semester, Data collection and analysis: The student focuses on data collection during the first semester of the fourth year as a longitudinal module from primary or secondary sources in Windhoek / Khomas region. According to the proposal the data can be from the clinics, hospital, City Council, Ministry of Health and Social Services or its institutions or from the community in a specified income cluster. The student will apply the skills of research methodology and epidemiology to clean and process the data using a suitable software package. At the end of the semester, the student will make a presentation detailing the results of the field work, summary tables and preliminary findings. Feedback from the student conference assists the student to review the analytical framework and finalize the written report. The conference presentation rating will constitute the continuous assessment for the semester.

Assessment strategies:

100% Continuous Assessment
First presentation 30%
Report 70%

APPLIED OCCUPATIONAL THERAPY III	OTH3801
CODE:	OTH3801
NQF level:	8
Notional hours:	80
Contact Hours:	4 hours integrated learning for one semester
NQF Credits:	8
Pre-requisite:	All 3 rd year modules passed
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Content:

Burden of disease (financial cost, mortality, morbidity, health indicators, quality-adjusted and disability adjusted life, of years), health statistics and their importance; Impact of communicable (HIV, STD, TB, malaria), and non-communicable disease (heart attack, stroke, cancer, diabetes, chronic respiratory diseases, musculoskeletal diseases and injuries from motor vehicle crashes, globally and on Namibia; Linkages between disease and socio-economic status and access to health services; Health and other relevant policies - inter-national and global (health promotion, WHO documents and charters, Health literacy and health behavior (health campaigns, health workshops, oral presentations and visual presentations). Humanitarian emergencies and disaster responses from an occupational therapy perspective. Students select techniques, change modalities and learn protocols to address burden of disease by using change modalities and occupational therapy models and theories to design health programmes at population level. Students evaluate occupations whether they dignifying, health promoting, meaning and purposeful and that contribute to occupational justice.

Assessment strategies:

- Continuous assessment: 50%
 - Attendance 10%
 - Class test (2) 40%
- Examination 50%
 - 1x3 hour written paper 25%
 - OSCE 25%

CLINICAL OCCUPATIONAL THERAPY III	OTH3880
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CODE:	OTH3880
NQF LEVEL:	8
Notional hours:	800 hours
Contact hours:	800 hours of integrated learning for both semesters
NQF Credits:	80
Pre-requisite:	All 3 rd year modules passed
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content:

Preparation for service training (logbooks, attendance registers, case study outline, case study requirements, ethical behavior, professional behavior, work ethics); Evaluation of service training (explain assessment strategies and evaluation); Supervision of service training (explain supervisor agreement forms, importance of signing agreements, documentation of supervision); Service learning settings (introduction to settings, aims, gateways, arrangements, rules, working hours at facility). Synthesize/consolidate all knowledge and skills acquired in the previous three years. Implement the occupational therapy process (choose relevant assessment tools, theoretical frameworks, intervention protocols, methods, techniques, occupations, environmental adaptations, principles, etc., evaluate progress of client and of intervention and own role, analyses shortcomings and amendments in intervention. Practice client-centered (involve patient in goal setting, cultural sensitive, intersection appropriate, personal preferences and strengths); Practice occupation-based (enable engagement active, passive and vicarious, occupational change modalities, natural occupations and therapist as therapeutic agent); Practice outcome-based (measure and document baseline data and record progress); Practice evidence-based (precise record keeping, formulate PICO questions and search for evidence, review evidence, apply in Namibian setting).

Module assessment:

- Continuous assessment 100%
 - Logbook 15%
 - Class test (1) 15%
 - Clinical Practical's (2) 40% (20% each)
 - Case studies (3) 30% (10% each)

APPLIED OCCUPATIONAL THERAPY IV	OTH3802
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CODE:	OTH3802
NQF level:	8
Notional hours:	80
Contact Hours:	4 hours of integrated learning for one semester
NQF Credits:	8
Pre-requisite:	All 3 rd year modules passed
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Content:

Management (defined, functions, form, Quinn's competing values framework, McKinsey 7-S framework; Developing and evaluating services (Logic model, M&E of health system strengthening (WHO), health services audits; Supervision and mentoring (functions and form, type of supervision, practical tips; Organizing journal club (preparing and presenting, reading and critiquing articles, attending presentations and giving constructive feedback; Solving clinical problems and sharpening professional reasoning (case presentations, case discussions, arguing stances in case management).

Assessment strategies:

- Continuous assessment: 100%
- Attendance 10%
- Class test (2) 50%
- Journal article appraisal (2) 40%

BACHELOR OF SCIENCE IN PHYSIOTHERAPY HONOURS 29BPTY (NEW INTAKE AS OF 2023)

LEVEL OF QUALIFICATION

NQF 8

TOTAL CREDITS REQUIRED

543

VISION

To be a sustainable and innovative center of excellence in training and research pertaining to the physiotherapy profession.

MISSION

To contribute towards the transformation of national healthcare services by training internationally recognized physiotherapists engaged in reflective evidence based practice within the philosophy and values inherent to the physiotherapy profession and the University of Namibia.

PURPOSE

The Bachelor of Science in Physiotherapy Honours is designed to equip physiotherapists as essential service providers and important role players within the National Health Service. The programme aims to provide students with a deepened understanding of services to individuals and populations in enabling them to develop, maintain and restore maximum movement and functional ability throughout their lifespan. The ability to move and function is integral to people's quality of life, health and development, and economic activity which is directly aligned with Vision 2030. Furthermore, the Bachelor of Science in Physiotherapy Honours will produce physiotherapists who are socially responsible, knowledgeable and well skilled to practice as generalists, at all levels of the health services within an African and global context as appropriate for individuals, groups and communities according to national health priorities. Physiotherapists will become active players in the economy and contribute to a knowledge based society through service delivery, research and innovation.

Furthermore, this programme will train Physiotherapists to provide services in circumstances where movement and function are threatened by trauma, ageing, injury, pain, disease, disorders, other conditions or environmental factors often resulting in permanent disabilities. In Namibia 3.3% of people in urban areas are living with disabilities and this increases to 5.7% in rural areas. With ageing populations and increasing morbidity and mortality arising from traumatic injury and non-communicable disease like diabetes, respiratory diseases and stroke, the need for physiotherapy care will continue to grow. The World Health Organisation (WHO), World Physiotherapy and national governments including the Government of Namibia as well as professional organisations such as Namibia Society of Physiotherapy continue to advocate for well trained professionals to respond to the individual and population needs for physiotherapy care. The establishment of an educational programme for physiotherapy will effectively improve the coordination and development of rehabilitation services and human resource development as an important milestone of Vision 2030.

Currently physiotherapy services are not accessible by most Namibians as it is only provided at intermediate hospitals and some district hospitals. When available services are often delivered in a manner that is not well standardised. Furthermore, in line with the fourth industrial revolution, rehabilitation services have significantly evolved and there is a need to keep up with the trend and to focus beyond the provision of therapeutic rehabilitation to people with disabilities.

In 2020 Namibia had only 152 registered Physiotherapists of which the majority are in the Khomas and Erongo regions leaving the remaining regions to have only a handful of physiotherapists. Moreover, most of the Physiotherapists are in the private sector with only eight currently working in state or public facilities where more than 85% of population seek healthcare. Most of the 383 state facilities are having to function without the services of a registered physiotherapist which is classified as an essential service by the MOHSS and around the world. The critical shortage is therefore evident.

1. ADMISSION REQUIREMENTS

In order to be admitted to the programme, candidates must satisfy at least one of the following requirements:

34 points in five subjects (36 if English NSSC O (C) or AS (e)) with:

1. At least three subjects on NSSC AS: grades of b-c-c; must include Mathematics, Biology and Physics/Chemistry (in no specific order)
2. English at either NSSC O (B) or AS (d)
3. Physics/Chemistry at either NSSC O (B) or AS (d)

(Please refer to the UNAM Evaluation Scale for abbreviations and equivalents; link: [2022-Evaluation-Scale.pdf \(edu.na\)](#))

OR

Successful completion of a relevant science degree from a recognised University with a final mark of at least 65%. *support modules can be taken in an extended program (caters for AS level gaps). For those who don't make admission criteria or need to improve grades.

OR

Successful completion of a relevant science degree from a recognised University with a final mark of at least 60%.

OR

Satisfy the following conditions for entry through the Mature Age Entry Scheme:

1. They should be at least 25 years old on the first day of the academic year in which admission is sought
2. They should have successfully completed senior secondary education
3. They should have proof of extensive relevant work experience in a health and wellness related field and can demonstrate an interest and in-depth knowledge of the Physiotherapy profession and scope of practice (A special application process available for this purpose as determined by the school).
4. They should pass each paper of the prescribed Mature Age Entry Tests with an overall average of 60%.
5. A letter of recommendation from a previous supervisor or appropriate mentor. These letters should reflect the candidate's ability, understanding, and desire to become a successful health care provider.

Meeting the above student admission criteria **DOES NOT** necessarily ensure admission. Admission is awarded on merit based on places available on the programme and any other conditions that may be determined from time to time. The faculty reserves the right to administer special written entry tests and interviews before admission. RPL (recognized prior learning) for admission into the program will be considered.

In the case of too many students that qualify for admission but have a reduced number of applicants to be selected, a fair and measurable selection criterion will be employed. The criterion will include the following:

Acknowledging contextual factors and considering other additional information to ensure that all applicants have equal opportunity to demonstrate relevant achievements and potential.

Additional assessment which may include the following:

1. Structured Interviews
2. Written work
3. Generic or subject-specific test of aptitude
4. Generic or specific tests of critical reasoning
5. Letters of recommendation

2. ADDITIONAL SELECTION CRITERIA

For criteria for marginalized persons refer to the UNAM policy.

3. ARTICULATION OPTIONS

This qualification may serve as an entry point to a relevant Master's degree in Physiotherapy or another related field.

4. ASSESSMENT CRITERIA

Modules are examined through 100% Continuous Assessment (CA) with a minimum of five tests, assignments, quizzes, duly completed tasks in any combination) OR CA and final examination.

To pass a module, a minimum final mark of 50% is required, unless otherwise stated in the individual module descriptor.

A minimum CA mark of 50% is required to gain entrance into the relevant module examination, unless otherwise stated in the individual module descriptor.

The final mark for a module with a CA and final examination will be calculated using a ratio of CA mark: Exam mark of 50%:50% unless otherwise stated in the individual module descriptor.

Notwithstanding the above, a subminimum of at least 40% will apply to the Exam Mark and 50% for a Clinical Examination where applicable, unless otherwise stated in the individual module descriptor.

For clinical modules students will be required to complete the stipulated hours and numbers of clinical procedures as a prerequisite for summative assessments.

5. QUALITY ASSURANCE ARRANGEMENTS

Monitoring of student progress

1. Regular soliciting of performance of students, red flags and pass rate for continuous quality improvement.
2. All students to be issued with comprehensive study guides before the start of any module or course in which exit outcomes, learning activities, tests, and/or examination processes are clearly indicated

Tracer studies and employer feedback

1. Collaborative/peer review teaching as per the Teaching and Learning policy as a way to enhance quality and ease of the teaching workload.
2. Observe internationally benchmarked classroom practice as a way of learning about best practices.
3. Performance appraisal for all lecturers/educators frequently as per UNAM policy and guidelines
4. Lecturers teaching or assessing physiotherapy specific content or involved in clinical training must comply with all requirements for annual registration with the HPCNA and be registered as a physiotherapist with the Allied Health Council of Namibia which is under HPCNA.
5. Clinical supervisors in either state and or private hospitals/practices should have at least three years of clinical experience and should demonstrate continual professional development in teaching and learning.

Internal and external moderation of examination papers and scripts

1. For the first four years of implementation (2023-2026) of this programme, papers and scripts for all modules across the years will be externally moderated.
2. Thereafter the UNAM Regulations as per the General Information and Regulations Prospectus will apply.

Internal and external moderation of assessment for all 100% CA modules

1. At least 50% will be moderated.
2. Effective supervision and monitoring of assignments, tests as part of Continuous Assessment and also effective supervision and monitoring of final exams to ensure quality.

FREQUENCY OF PROGRAMME REVIEW

1. A continuous cycle of self-evaluation with a view to effecting quality improvement.
2. The programme will be reviewed in a four-year cycle
3. Regular review of the curriculum for improvement and relevance.

MINIMUM REQUIREMENTS FOR RE-ADMISSION INTO THE SCHOOL / PROGRAMME

Normal enrolment

To be re-admitted to the School of Allied Health Sciences, Department Occupational Therapy and Physiotherapy, a student must have successfully completed the following minimum number of credits as indicated below:

1. 42 credits (of which 28 must be non-core) by the end of the first year of registration
2. 112 credits (of which 92 must be non-core) by the end of the second year of registration.
3. 228 credits by the end of the third year of registration.
4. 377 credits by the end of the fourth year of registration.
5. 443 credits by the end of the fifth year of registration.

The programme must be completed after a maximum of 6 years of registration

Extended enrolment

The following re-admission regulations will apply to students enrolled for the extended programme:

1. 22 credits (of which 14 must be non-core) by the end of the first year of registration.
2. 69 credits (of which 56 must be non-core) by the end of the second year of registration.
3. 148 credits by the end of the third year of registration.
4. 274 credits by the end of the fourth year of registration.
5. 440 credits by the end of the fifth year of registration.
6. 505 credits by the end of the sixth year of registration.

The programme must be completed after a maximum of 7 years of registration

6. ADVANCEMENT AND PROGRESSION RULES

Normal enrolment:

1. Year 1 to Year 2: 80% of all credits including prerequisite modules for second year.
2. Year 2 to Year 3: All first-year credits and 80% of second year credits including prerequisite subjects for third year
3. Year 3 to Year 4: All second-year and third year credits

Extended enrolment

1. Year 1 to Year 2: 80% of all credits including prerequisite modules for second year.
2. Year 2 to Year 3: All first-year credits and 80% of second year credits including prerequisite subjects for third year
3. Year 3 to Year 4: All second year credits and 80% of third year credits including prerequisite subjects for fourth year
4. Year 4 to Year 5: All third and fourth year credits

A student who fulfilled the re-admission regulations, but could not advance to the next academic year must first register for all failed modules. Subject to pre-requisites, such a student may then add modules of the subsequent academic year, provided that the total number of registered credits does not exceed the prescribed number of credits of the current academic year by more than 20%.

At all times, students need to be treated fairly, allowing them a reasonable opportunity to advance to the next level while picking up some modules from the previous year.

7. REQUIREMENTS FOR QUALIFICATION AWARD

This qualification will be awarded to candidates credited with all compulsory credits (543) and who have met all the requirements of the degree programme, including field/clinical placements (including at least 1100 hours of clinical work at 3rd and 4th year level) and portfolios.

8. CAREER OPPORTUNITIES

The graduates of this Bachelor of Science Physiotherapy (Honours) may become a registered independent practicing Physiotherapist. Potential employers include: Public and Private hospitals, Insurance companies, MVA Fund, Workmen's compensation programmes (Social Security, etc.), Sport clubs/teams and Educational institutions

Graduates may also work as a physiotherapist or manager of rehabilitation services in nursing homes, industry, rehabilitation centres, local community practice, prisons, education sector, health management or pursue research.

9. IMPLEMENTATION STRATEGY

The first year of study for the new curriculum will be implemented in 2023. The rest of the new curriculum will be implemented as the old curriculum gets phased out over three years.

If a student does not satisfy the progression criteria to continue to the next year of the phasing-out curriculum the student will continue with the new curriculum being phased-in.

If a student satisfies the progression criteria to continue to the next year of the phasing-out curriculum but fails one or more modules students will articulate into the new program that is equivalent to modules in the new curriculum, then the student will sit in the same class and write the same assessments for the equivalent modules.

If a student satisfies the progression criteria to continue to the next year of the phasing-out curriculum but discontinued, then the fails one or more modules which has no equivalent in the new curriculum OR is student will be taught separately until 2027 and write the assessments as stipulated in the phasing-out curriculum.

BELOW ARE THE PHASING-OUT CURRICULUM MODULES AND ITS NEW CURRICULUM EQUIVALENTS:

Previous Curriculum				Transformed Curriculum			
Code	Name	NQF	Credits	Code	Name	NQF	Credits
CL3509	Computer Literacy	5	8	U3583DD	Digital Literacy	5	8
LEA3580	English for Academic Purposes	5	16	U3583AL	Academic Literacy IB	5	8
				U3683LA	Academic Literacy II	6	8
CSI3580	Contemporary Social Issues	5	8		No equivalent		
ATM3531	Embryology and Introduction to Anatomy	5	16	M3511BA	Embryology and Introduction to Anatomy	5	14
PLG3501	Medical Physics	5	8	M3501BO	Medical Physics	5	6
BMC3512	General Biochemistry	5	16	M3611BB	Medical Biochemistry I	5	14
CMM3512	Sociology of Health and Disease	5	16	M3511HS	Sociology of Health and Disease	5	14
PLG3511	Systems Physiology I	5	16	M3511BP	Physiology and Integrated Pathophysiology I	5	14
PLG3512	Systems Physiology II	5	16	M3512BP	Physiology and Integrated Pathophysiology II	5	14
OTH3611	Clinical Sciences I	6	16	A3612TS	Clinical Sciences (Additional Pathology lectures needed)	6	16
				A3693SC	Clinical Physiotherapy I (for practical component)	6	12
PTC3600	Developmental Psychology	6	16	M3512MP	Developmental Psychology	5	14
OTH3612	Clinical Sciences II	6	16	A3612TS	Clinical Sciences	6	16
PTY3680	Physiotherapy Science II	6	32	A3613SS	Physiotherapy Science II	6	16
				A3613ST	Physiotherapy Techniques		16
PTY3681	Professional Practice	6	12	A3560TP	Professional Practice I	5	5
				A3660TP	Professional Practice II	6	4

10. CURRICULUM FRAMEWORK: SUMMARY TABLE FOR ALL MODULES IN THE PROGRAMME

MODULE CODE	MODULE NAME	NQF LEVEL	CREDITS	CONTACT HOURS PER WEEK (L / P / T)	(CO-REQUISITES) / PRE-REQUISITES	COMPULSORY (C) / ELECTIVE (E)
Year 1 Core Semester						
U3583DD	Digital Literacy	5	8	4	None	C
U3583AL	Academic Literacy IB	5	8	4	None	C
A3560TP	Professional Practice I	5	4	2	None	C
U3420LP	National and Global Citizenship	4	2	1	None	C
U3420SE	Sustainable Environmental Awareness	4	2	2	None	C
Total Credits Semester 0						24
Year 1 Semester 1						
M3511BA	Embryology and Introduction to Anatomy	5	14	3+4P	None	C
M3501BF	Medical Physics	5	6	2	None	C
P3511SO	Organic Chemistry	5	7	2+2P	None	C
M3511BP	Physiology and Integrated Pathophysiology I	5	14	3+4P	None	C
A3513SS	Physiotherapy Science I	5	14 (28)	4+4P	None	C
Total Credits Semester 1						55
Year 1 Semester 2						
A3513SS	Physiotherapy Science I	5	14 (28)	4+4P	None	C

A3512BA	Anatomy for Allied Health Sciences	5	14	3+4P	Embryology and Introduction to Anatomy	C
M3512BP	Physiology and Integrated Pathophysiology II	5	14	3+4P	Physiology and Integrated Pathophysiology I	C
M3512MP	Developmental Psychology	5	12	4	None	C
Total Credits Semester 2						54
Total credits YEAR 1						133

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 2 Core Semester						
U3683AL	Academic Literacy II	6	8	4	None	C
A3660TL	Local Languages for Health Science Communication	6	6	4	None	C
A3660TP	Professional Practice II	6	4	4	None	C
U3420PJ	Project Management	5	2	2	None	C
U3420RT	Entrepreneurial Skills	4	2	2	None	C
U3520LP	Leadership Skills	5	2	2	None	C
Total Credits Semester 0						24
Year 2 Semester 1						
A3613SS	Physiotherapy Science II	6	14 (28)	4	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry	C

					Physiology and Integrated Pathophysiology II Physiotherapy Science I	
A3613ST	Physiotherapy Techniques	6	16 (32)	4+8P	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology II Physiotherapy Science I	C
A3693SC	Clinical Physiotherapy I	6	6 (12)	60 hours (120 hours)	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology II Physiotherapy Science I Psychology	C
M3611BP	Physiology and Integrated Pathophysiology III	6	16	3+4P	Physiology and Integrated Pathophysiology II	C
Total Credits Semester 1						52
Year 2 Semester 2						
A3613SS	Physiotherapy Science II	6	14 (28)	4	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology II Physiotherapy Science I	C
A3633ST	Physiotherapy Techniques	6	16 (32)	4+8P	Anatomy for Allied Health Sciences	C

					Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology I Physiotherapy Science I	
A3693SC	Clinical Physiotherapy I	6	6 (12)	60 hours (120 hours)	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology I Physiology and Integrated Pathophysiology II Physiotherapy Science I Social Psychology	C
A3612TS	Clinical Sciences	6	16	6	Anatomy for Allied Health Sciences Physiology and Integrated Pathophysiology III	C
Total Credits Semester 2						52
Total credits YEAR 2						128

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 3 Core Semester						
A3700SP	Clinical Practice	7	24	8+8P	None	C

Total Credits Semester 0						24
Year 3 Semester 1						
A3783TR	Research Methods	7	8 (16)	4	None	C
A3793SC	Clinical Physiotherapy II	7	22 (44)	225 hours (450 hours)	(Clinical Practice) Physiotherapy Science II Physiotherapy Techniques Clinical Physiotherapy I Clinical Sciences	C
A3713SA	Applied Physiotherapy I	7	18 (36)	4+6P	(Clinical Practice) Physiotherapy Science II Physiotherapy Techniques Clinical Physiotherapy I Clinical Sciences	C
A3701SP	Pharmacology for Physiotherapy	7	8	2	None	C
Total Credits Semester 1						54
Year 3 Semester 2						
A3783TR	Research Methods	7	8 (16)	4	None	C
A3793SC	Clinical Physiotherapy II	7	22 (44)	225 hours (450 hours)	(Clinical Practice) (Applied Physiotherapy I) Physiotherapy Science II Physiotherapy Techniques Clinical Physiotherapy I Clinical Sciences	C
A3713SA	Applied Physiotherapy I	7	18 (36)	4+6P	(Clinical Practice) (Clinical Physiotherapy II)	C

					Physiotherapy Science II Physiotherapy Techniques Clinical Physiotherapy I Clinical Sciences	
A3702TM	Practice Management	7	8	2	None	C
Total Credits Semester 2						54
Total credits YEAR 3 *						136

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 4 Semester 1						
A3883TR	Research Project	8	18 (36)	4	Research Methods	C
A3813SA	Applied Physiotherapy II	8	20 (40)	4+4P	Clinical Physiotherapy II Applied Physiotherapy I Pharmacology for Physiotherapy Practice Management	C
A3893SC	Clinical Physiotherapy III	8	35 (70)	350 hours (700 hours)	(Applied Physiotherapy II) Clinical Physiotherapy II Applied Physiotherapy I Pharmacology for Physiotherapy Practice Management	C
Total Credits Semester 1						73

Year 4 Semester 2						
A3883TR	Research Project	8	18 (36)	4	Research Methods	C
A3813SA	Applied Physiotherapy II	8	20 (40)	4+4P	Clinical Physiotherapy II Applied Physiotherapy I Pharmacology for Physiotherapy Practice Management	C
A3893SC	Clinical Physiotherapy III	8	35 (70)	350 hours (700 hours)	(Applied Physiotherapy II); Clinical Physiotherapy II; Applied Physiotherapy I; Pharmacology for Physiotherapy; Practice Management	C
Total Credits Semester 2						71
Total credits YEAR 4 **						146
TOTAL CREDITS FOR THE PROGRAMME						543

11. CURRICULUM FRAMEWORK: SUMMARY TABLE FOR ALL MODULES FOR EXTENDED ENROLMENT

The first three years of Extended enrolment will cover all modules that are presented within the first two years of the Normal enrolment.

Extended enrolment Year 4 will be the same as Normal enrolment Year 3 in terms of modules and credits.

Extended enrolment Year 5 will be the same as Normal enrolment Year 4 in terms of modules and credits.

Extended enrolment						
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 1 Semester 0						
U3583D D	Digital Literacy	5	8	4	None	C
U3583AL	Academic Literacy IB	5	8	4	None	C
Total Credits Semester 0						16
Year 1 Semester 1						
M3511B A	Embryology and Introduction to Anatomy	5	14	3+4P	None	C
M3511B P	Physiology and Integrated Pathophysiology I	5	14	3+4P	None	C
Total Credits Semester 1						28
Year 1 Semester 2						
A3512B A	Anatomy for Allied Health Sciences	5	14	3+4P	Embryology and Introduction to Anatomy	C
M3512B P	Physiology and Integrated Pathophysiology II	5	14	3+4P	Physiology and Integrated Pathophysiology I	C
Total Credits Semester 2						28
Total credits YEAR 1						72

Extended enrolment						
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 2 Semester 0						
A3560TP	Professional Practice I	5	4	4	None	C
U3420LP	National and Global Citizenship	4	2	1	None	C
U3420SE	Sustainable Environmental Awareness	4	2	2	None	C
Total Credits Semester 0						8
Year 2 Semester 1						
A3513SS	Physiotherapy Science I	5	14 (28)	4+4P	None	C
M3511BA	Medical Physics	5	6	2	None	C
M3501BO	Organic Chemistry	5	7	2+2P	None	C
M3611BP	Physiology and Integrated Pathophysiology III	6	16	3+4P	Physiology and Integrated Pathophysiology II	C
Total Credits Semester 1						43
Year 2 Semester 2						
A3513SS	Physiotherapy Science I	5	14 (28)	4+4P	None	C
M3512MP	Developmental Psychology	5	12	4	None	C

A3612TS	Clinical Sciences	6	16	6	Anatomy for Allied Health Sciences Physiology and Integrated Pathophysiology III	C
Total Credits Semester 2						42
Total credits YEAR 2						93

<u>Extended Enrollment</u>						
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 3 Semester 0						
U3683AL	Academic Literacy II	6	8	4	None	C
A3660TL	Local Languages for Health Science Communication	6	6	2	None	C
A3660TP	Professional Practice II	6	4	4	None	C
U3420PJ	Project Management Skills	5	2	2	None	C
U3420RT	Entrepreneurial Skills	4	2	2	None	C
U3420RT	Leadership Skills	5	2	2	None	C
Total Credits Semester 0						24
Year 3 Semester 1						
A3613SS	Physiotherapy Science II	6	14 (28)	4	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry	C

					Physiology and Integrated Pathophysiology II Physiotherapy Science I	
A3613ST	Physiotherapy Techniques	6	16 (32)	4+8P	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology II Physiotherapy Science I	C
A3693SC	Clinical Physiotherapy I	6	6 (12)	60 hours (120 hours)	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology II Physiotherapy Science I Psychology	C
Total Credits Semester 1						36
Year 3 Semester 2						
A3613SS	Physiotherapy Science II	6	14 (28)	4	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology II Physiotherapy Science I	C
A3613ST	Physiotherapy Techniques	6	16 (32)	4+8P	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry	C

					Physiology and Integrated Pathophysiology I Physiotherapy Science I	
A3693SC	Clinical Physiotherapy I	6	6 (12)	60 hours (120 hours)	Anatomy for Allied Health Sciences Medical Physics Organic Chemistry Physiology and Integrated Pathophysiology I Physiology and Integrated Pathophysiology II Physiotherapy Science I Social Psychology	C
Total Credits Semester 2						36
Total credits YEAR 3						96

MODULE TITLE:	ACADEMIC LITERACY 1B		
MODULE CODE	U3583AL		
NQF LEVEL	5		
Notional Hours	80		
NQF Credits	8		
Prerequisite	None		
Contact Hours	Semester 0: 4 hours /week; Semester 1: 2 hours/week Semester 2: 2 hours/week		
Compulsory/Elective	Compulsory	Semester Offered	0,1&2

Module Content

The module will cover study skills, reading, listening, speaking and writing, referencing, language usage and text organization.

Student assessment strategies

Assessment will be based on Continuous Assessment.

MODULE TITLE:	DIGITAL LITERACY		
MODULE CODE	U3583DD		
NQF LEVEL	5		
Notional Hours	80		
Contact hours	Semester 0: 4 hours /week; Semester 1: 2 hours/week Semester 2: 2 hours/week		
Additional learning requirements	: None		
NQF Credits	8		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Core
Semester 1			

Module Content

Digital Proficiency: ICT-based devices (laptops, tablets, smartphones, desktop computers, digital instruments and equipment); a mouse, keyboard, touch screen, voice control and other forms of input; screens, audio headsets and other forms of output; digital capture devices; University digital learning systems and a range of personal digital services such as social media, cloud storage services, sharing sites

Digital Productivity: Basic productivity software (text editing, presentation, spreadsheets, image editing); email and other digital communication services; Internet or cloud or institutional shared spaces for Organising, managing and backing up digital files; software/apps and services suitable for learning-related tasks; digital tools fit learning and managing learning time

Information Literacy: search engines, indexes or tag clouds; wikis, blog posts, scholarly journals, e-books and the open web; file spaces and folders, bookmarks, reference management software and tagging; copyright, and digital citizenship issues

Data and Media Literacy: Digital data using spreadsheets and other media; data security and privacy; digital media messages – text, graphics, video, animation, audio and multimedia

Digital Creation and Innovation: digital materials (video, audio, stories, presentations, infographics); new digital tools for learning in digital settings

Digital Communication, Collaboration and Participation: digital communication; differences between media, norms of communicating in different spaces; false or damaging digital communications; collaborative tools and online environments; online networks

Digital Learning and Development: digital learning opportunities; digital learning resources; digital tools/materials for organising, planning and reflecting on learning (mind-mapping, note-taking, e-portfolio/ learning journal/ blog)

Digital Identity and Wellbeing: online profiles for different networks (personal, professional, academic); digital reputation; managing personal data and privacy; digital CV or portfolio of work; digital technologies for personal development; online etiquette; wellbeing and safety online; internet addiction; cyberbullying and other damaging online behaviour.

Student Assessment Strategies

1. Collaborative assessment tasks
 - 3.3. Digital productivity: cloud based collaborative digital media creation using cloud platforms
 - 3.4. Project: Digital communication, collaboration and participation/ Digital Wellbeing
2. Individual assessment tasks
 - 3.5. Assignment: information literacy assignment
 - 3.6. Test x 2
3. Practical
 - a. Digital proficiency
 - b. Data and Media literacy

NO WRITTEN EXAMINATION

MODULE TITLE:	PROFESSIONAL PRACTICE I		
MODULE CODE	A3560TP		
NQF LEVEL	5		
Notional Hours	60		
Contact hours	4 hours		
Additional learning requirements:	N/A		
NQF Credits	6		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 0

Module Content

Topics covered include: basic principles of ethics and philosophy in health; social obligations, values and norms with the emphasis of the Namibian society regarding health; the patient-physiotherapist relationship; common ethical dilemmas: fundamental ethical guidelines, conflicts between beneficence and autonomy, patients who lack making-decision capacity, decision about life-sustaining interventions, conflicts of interest; basic principles of medico-legal practice,

Student Assessment Strategies

100% Continuous Assessment (minimum of 5 (any combination) of: tests, assignments, quizzes, duly completed tasks)

MODULE TITLE:	NATIONAL AND GLOBAL CITIZENSHIP		
MODULE CODE	U3420CN		
NQF LEVEL	4		
Notional Hours	20		
Contact hours	Up to 1 contact lecture periods per week for 6 Weeks		
Mode of Delivery	Blended: Face to face and Online		
Additional learning requirements	: Each student will be required to work on a personal project that will include a site visit		
NQF Credits	2		
(Co-requisites) Prerequisite	None (University Core Module)		
Compulsory/Elective	Compulsory	Semester Offered	Core
Semester			

Module Content

UNIT 1: Constitution and its Importance

What is a constitution; Functions of a constitution; what it contains; Constitution and democracy?

UNIT 2: Global Citizenship

The meaning of global citizenship; Importance of global awareness; World issues of concern to global citizens.

UNIT 3: Civic Engagement

What do we mean by civic engagement; Dimensions of civic engagement; Indicators of civic engagement; Promoting civic engagement.

UNIT 4: Globalization

Understanding globalization; Cultural construction of neoliberal globalization; Major players; Major domains; Major Issues; Futures of Globalization

UNIT 5: Intercultural Communication

Dealing with difference; Levels of culture; Stereotypes and generalizations; Intercultural communication Processes

UNIT 6: Sustainable Development Goals and individual action Introduction to SDGs; Contributing to achievement of SDGs through action

Student Assessment Strategies

Continuous assessment of 100% - Assessment will be done by completing online pop-up quizzes; and developing their online portfolios of personal action as response to tasks assigned in class.

MODULE TITLE:	SUSTAINABILITY AND ENVIRONMENTAL AWARENESS		
MODULE CODE	U3420SE		
NQF LEVEL	4		
Notional Hours	20		
Contact hours	1 x 2h per week for 6 weeks for the first 3 weeks followed by mini-project for the remainder of semester (total of 10 hours on this aspect)c		
Mode of Delivery	Blended: Face to face and Online		
Additional learning requirements	: Mini-project to create awareness, champion environmental cause or address an environmental issue in their immediate environment		
NQF Credits	2		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Core Semester 1 or 2

Module Content

Sustainability: finite nature of elements constituting the Earthly environment, resilience and fragility of the natural environment; three distinct perspectives on sustainability: sustained yield of resources, sustained abundance and diversity of species and ecosystems, sustained economic and social development key themes in defining sustainability: (i) the human perspective, (ii) considerations of fairness and (iii) issues of scale concepts of inter- and intra-generational equity (fair and just distribution of resources), sustainable community. **Natural resources:** role of soil, water and minerals in supporting life on Earth; health and interdependence of ecosystems within the biosphere; dependence of human beings on natural resources for sustenance and livelihoods. **Solutions to environmental sustainability challenges:** simple inexpensive interventions aimed at reducing wastage of resources and generation of wastes through exhaustive use, reuse, recycling and refurbishing of products.

Student Assessment Strategies

The module will be evaluated using 100% continuous assessment. Student will be assessed based on class discussions and debates on striking a balance between socio-economic development and environmental sustainability citing real life major national projects. Students will be placed in groups based on a logical criterion that ensures mixing interspersing of students from academic discipline and programmes in each group. Groups will be expected to take on a particular environmental issue plaguing their immediate surroundings to highlight and champion. Each group will tackle one issue through either cleanup campaigns, awareness raising campaigns, community education campaigns, advocacy or devising a simple solution to the problem. A minimum pass mark for the module is 50%.

MODULE TITLE:	EMBRYOLOGY AND INTRODUCTION TO ANATOMY		
MODULE CODE	M3511BA		
NQF LEVEL	5		
Notional Hours	160		
Contact hours	3+4P hours		
Additional learning requirements	None		
NQF Credits	14		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory Semester Offered		1st year semester 1

Module Content

The module provides building blocks to master the following topics i) man's place in the organismic kingdom. ii) basic embryological concepts. iii) an integrated approach to histological structure and function of the primary tissues in relation to the primary organ systems. iv) terminology and definitions in anatomy. The module includes an introduction to microscopy and methods in microscopy. The module furthermore provides an introduction to the bioethics linked to the history of Anatomy and the Anatomy and Human Tissue Acts.

Student Assessment Strategies

Examination mark One 3-hour examination paper.
Final mark: 40% of exam mark and 60% of Continuous assessment mark.

MODULE TITLE:	MEDICAL PHYSICS		
MODULE CODE	M3501BF		
NQF LEVEL	5		
Notional Hours	60		
Contact hours	2 hours		
Additional learning requirements:	None		
NQF Credits	6		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 1

Module Content

Topics: Units (standards, SI system, converting units, order of magnitude); Motion (displacement, velocity, acceleration, falling objects); Vectors (representation, adding, subtracting scalar product, vector product); Force (Newton's 1st, 2nd and 3rd laws, mass, weight); Equilibrium (statics, equilibrium, elasticity); Fluids (density, specific gravity, pressure, Pascal's principle, measurement, flow, Bernoulli's principle, viscosity, surface tension, pumps); Waves (wave motion, types of waves, energy, amplitude and frequency, reflection and interference, resource, refraction and diffraction); Gas laws & temperature (atomic theory, temperature and thermometers, thermal expansion, thermal stress, diffusion); Electricity (charge, field, potential, currents, basic circuits); Magnetism (magnetic fields, electric currents, force, electric charge, Ampere and out Coulomb, Ampere's Law, torque); Electromagnetism (electromagnetic induction, transformers, transmission of power, production of electromagnetic waves, light and electromagnetic spectrum); Light (wave versus particles, diffraction, refraction, visible spectrum and dispersion); molecules and solids (bonding in molecules, weak bounds); Radioactivity (structure and properties of nucleus, binding energy and nuclear forces, radioactivity, alpha, beta, and gamma decay, half-life and rate of decay, radioactive dating).

Student Assessment Strategies

Examination mark: One 3-hour examination paper.
Final mark: 40% of exam mark and 60% of Continuous assessment mark.

MODULE TITLE:	ORGANIC CHEMISTRY		
MODULE CODE	M3501BO		
NQF LEVEL	5		
Notional Hours	70		
Contact hours	2+2P hours		
Additional learning requirements	: N/A		
NQF Credits	7		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 1

Module Content

The materials covered in this module are: Periodic table and electronegativity scale, acid base properties of solutions, thermodynamics, Functional groups and nomenclature of organic compounds, basic reactions of organic compounds, introductory spectroscopy, major organic compounds, principles of laboratory safety and laboratory procedures.

Student Assessment Strategies

Continuous assessment (CA): 60% (tests, laboratory reports/assignments and assignments).

Examination: 40% (1 x 3 hours written paper).

MODULE TITLE:	INTEGRATED PHYSIOLOGY AND PATHOPHYSIOLOGY I		
MODULE CODE	M3511BP		
NQF LEVEL	5		
Notional Hours	160		
Contact hours	3+4P hours		
Additional learning requirements:	N/A		
NQF Credits	14		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 1

Module Content

The study of physiology encompasses a number of fields of study; from molecules to ecosystems. Here we begin with an investigation of basic cell processes. The students will be expected to understand how molecular interactions are integral to the generation, storage and utilisation of energy, signaling and cellular dynamics. Building upon this, we will stress the importance of cellular and tissue compartmentation, and how information flows within a cellular and mass context. The integration of these systems and how they may impact homeostasis is also of critical importance. In order to conceptualise the normal functioning of the cells, tissues and organs, we will also incorporate the pathophysiology alongside each system discussed. By the end of the course students will also be familiar with the components and mechanics of the: basic cell processes, energy and cellular metabolism, membrane dynamics and communication, integration, and homeostasis; genetics; body fluid compartments. This module will introduce the two main communication systems in the body; the endocrine system and the nervous system. The cellular and network properties of neurons and how they function within the context of the central and peripheral nervous systems; the Muscular Skeletal system and the control of body movement; as well as the structure and function of the endocrine system.

Student Assessment Strategies

The continuous assessment (CA): 50% (minimum of 2 tests (75%), lecture quizzes (5%) and 3 laboratory exercises (20%)). Examination: 50% (1 X 3-hour paper)

MODULE TITLE:	PHYSIOTHERAPY SCIENCE I		
MODULE CODE	A3513SS		
NQF LEVEL	5		
Notional Hours	280		
Contact hours	4+4P hours		
Additional learning requirements:	Group tasks given to assist in integration of the concepts as students are given scenarios to analyse in groups		
NQF Credits	28		
(Co-requisites)Prerequisite	None		
Compulsory/Elective	Compulsory module	Semester Offered	1st year semester 1 & 2

Module Content

The major topics covered will be:

MOVEMENT AND POSTURE (Static Positions; Dynamic posture during functional movement; Normal aging process across the lifespan)

NORMAL DEVELOPMENT OF MOVEMENT (Motor control, motor development and motor skill development)

ERGONOMICS AND KINETIC HANDLING (Ergonomics/human factors; Principles; Risk factors; kinetic handling principles; Patient handling and transfers)

BIOMECHANICS (Introduction to biomechanics; Kinematics; Kinetics; Force systems; Biomechanics of contractile tissue and non-contractile tissue; Stability and point of gravity; Biomechanics of peripheral joints)

INTRODUCTION TO MANUAL TECHNIQUES (Effects of manual techniques on the body; Massage)

Student Assessment Strategies

100% Continuous Assessment: a minimum of five (in any combination) tests, practical technique evaluation sessions, integrated tests, assignments, quizzes and duly completed tasks.

MODULE TITLE:	ANATOMY FOR ALLIED HEALTH		
MODULE CODE	A3512BP		
NQF LEVEL	5		
Notional Hours	160		
Contact hours	3+4P hours		
Additional learning requirements	: N/A		
NQF Credits	14		
(Co-requisites) Prerequisite	Embryology and Introduction to Anatomy		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 2

Module Content

CARDIOVASCULAR SYSTEM & RESPIRATORY SYSTEM: The thoracic wall and mediastinum; the muscles of respiration; lung structure; respiratory histology; systemic and pulmonary circulation; arterial supply and venous drainage.

NEUROLOGICAL SYSTEM AND SPINE: Division of the neurological system; CNS; cranial nerves; autonomic PNS; somatic PNS; spinal cord; vertebral column; back muscles

MUSCULOSKELETAL SYSTEM: development of musculoskeletal system; arthrology, myology, osteology of limbs; nerve innervation and blood supply of muscles; principles of locomotion.

Student Assessment Strategies

(All class tests in this block have a practical component contributing 50% of the class mark)

Examination mark: One 2-hour theory examination paper (50%)

One practical examination paper (50%)

Final mark: 50% of the exam mark and 50% of the class mark.

MODULE TITLE:	INTEGRATED PHYSIOLOGY AND PATHOPHYSIOLOGY II		
MODULE CODE	M3512BP		
NQF LEVEL	5		
Notional Hours	160		
Contact hours	3+4P hours		
Additional learning requirements	: N/A		
NQF Credits	14		
(Co-requisites) Prerequisite	M3511BP		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 2

Module Content

The study of physiology encompasses a number of fields of study, from molecules to ecosystems. Here we continue with an investigation of the divisions of the nervous system along with their pathophysiological conditions. Students will be expected to understand and apply the knowledge around the general principles of neurophysiology into the different divisions of neurophysiology. Building upon this we will stress the importance of cellular and tissue compartmentation, and how information flows within a cellular and mass context. We will investigate the physiological basis of problems associated with most of the major organ systems. In each case, we will discuss the effect upon whole body homeostasis.

Student Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 3 laboratory exercises). Examination: 50 % (1 X 3hours paper)

MODULE TITLE:	DEVELOPMENTAL PSYCHOLOGY		
MODULE CODE	M3512MP		
NQF LEVEL	5		
Notional Hours	160		
Contact hours	4 hours		
Additional learning requirements:	Group work		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1st year semester 2

Module Content

This module focuses on applicable developmental theories such as the psychodynamic theory, particularly Freud's psychosexual theory and Erickson's psychosocial theory and developmental theories of cognitive development. To be considered here are Piaget's theory of cognitive development as well as Vygotsky's theory of cognitive development (sociocultural-historical theory, particularly the notions of the zone of proximal development and scaffolding in cognitive development). The module will examine perinatal/prenatal development, including the

period from conception to birth. Environmental influences on prenatal development, hereditary/genetic influences on human development and hereditary/genetic transmission, genetic and chromosomal abnormalities, birth complications, and maternal stress will be explored. How infants sense and perceive the world will be examined. Furthermore, the module will examine the five domains of human development from infancy, adolescence, through adulthood (cognitive development, physical development, emotional development, social development and language development (attainment of normal developmental milestone). Finally, chronic illness in childhood and hospitalisation, as well as child physical, emotional, and sexual abuse will be covered. The development of the concept of death among children will also be discussed.

Student Assessment Strategies

The continuous assessment (CA): 40% (minimum of 3 tests and 2 assignments).

Examination: 60% (1 x 3 hours written paper).

MODULE TITLE:	ACADEMIC LITERACY II		
MODULE CODE	U3683LA		
NQF LEVEL	6		
Notional Hours	80		
NQF Credits	8		
Contact Hours	Semester 0: 4 hours/week Semester 2: 2 hours/week		
Prerequisite	Academic Literacy I		
Compulsory/Elective	Compulsory	Semester Offered	Core Semester,1&2

Module content

The module is designed for students enrolled in a bachelor's degree, which requires them to do basic research, read and listen to specific academic material, produce specific written texts and give academic presentations. The module thus, focuses on enhancing academic reading, academic vocabulary, writing, listening and speaking.

Student assessment strategies

The module will be continuous assessment based. Assessment will include written tests, individual and group assignments, portfolio assessments and oral presentations.

MODULE TITLE:	LOCAL LANGUAGES FOR HEALTH SCIENCE COMMUNICATION		
MODULE CODE	A3660TL		
NQF LEVEL	6		
Notional Hours	60		
Contact hours	2 hours		
Additional learning requirements:	N/A		
NQF Credits	6		
Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Year 2 semester 0

Module Content

This module develops a student's understanding regarding social norms and confessions in one other population group in Namibia; listening, verbal and non-verbal communication; medical terminology and construct of common symptoms in the relevant language.

Student Assessment Strategies

Continuous Assessment: 100% consisting of at least six interactive engagement of dialoging in class

MODULE TITLE:	PROFESSIONAL PRACTICE II		
MODULE CODE	A3660TP		
NQF LEVEL	6		
Notional Hours	40		
Contact hours	4 hours		
Additional learning requirements			
NQF Credits	4		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Year 2 semester 0

Module Content

Medical Ethics and Philosophy: This module is designed to describe the basic principles of professional conduct, ethics and legal practice in health, with particular emphasis on social values, norms and culture of the Namibian society. A student will be able to professionally engage in his/her medical practice, observe professional conduct with regard to patients, their families and professional colleagues, evaluate ethical dilemmas and give professional evidence in a court of law. Topics covered include: basic principles of ethics and philosophy in health; social obligations, values and norms with the emphasis of the Namibian society regarding health; the patient-physiotherapist relationship;

common ethical dilemmas: fundamental ethical guidelines, conflicts between beneficence and autonomy, patients who lack making-decision capacity, decision about life-sustaining interventions, conflicts of interest; basic principles of medico-legal practice, review of the health related Namibian legislative code.

Student Assessment Strategies

100% Continuous Assessment (minimum of 3 (any combination) of: tests, assignments, quizzes, duly completed tasks)

MODULE TITLE:	PROJECT MANAGEMENT SKILLS		
MODULE CODE	U3420PJ		
NQF LEVEL	5		
Notional Hours	20		
Contact hours	2 hour lecture per week for the first two week and field-based practical for the remaining four weeks.		
Mode of Delivery	Blended: face-to-face and online		
Additional learning requirements:	The field-based practical to be undertaken in the immediate environment of the student		
NQF Credits	2		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Core Semester 1 or 2

Module Content

This module consist of two components: **The first component** is a two week theory covering the **concepts** (project vs programme) and the **phases of project life cycle (project initiation and planning:** work breakdown, development of SMART indicators, estimation of activity duration, efforts, and costs, scheduling of activities, identification of critical path, setting of milestones, stakeholder identification and categorization, stakeholder engagement, initial risk identification, and development of the initial project plan; **project implementation & management:** forming the project team, managing people, resources allocation, responsibilities allocation, quality assurance, leadership style and project liaison; **project monitoring and control:** progress reporting and communication, quality control, time management, budget and cost management, risk management and mitigation; **project closure and evaluation:** project evaluation, project auditing process and the closure process, and final project report). **The second component** is a four week **field-based practical** where students participate in a real-life project in their immediate environment. Students are strictly required to apply the project management approach during the field-based practical.

Student Assessment Strategies

Student assessment will be 100% continuous assessment based on weekly project progress reports (50%) and the final project report (50%). A minimum pass mark for the module is 50%.

MODULE TITLE:	ENTREPRENEURIAL SKILLS		
MODULE CODE	U3420RT		
NQF LEVEL	4		
Notional Hours	20 notional hours		
Contact hours	1 x 2h per week for 6 weeks		
Mode of Delivery	Blended: Face to face and online		
Additional learning requirements	None		
NQF Credits	2		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Core Semester 1 or 2

Module Content

Definition and scope of entrepreneurship and entrepreneur; Entrepreneur's environment; Characteristics of entrepreneurs; Basic concepts of entrepreneurship; Forms of entrepreneurship; **The role of entrepreneurship;** The entrepreneurial process; **The entrepreneurial mindset;** Decision-making skills; Creativity, innovation and entrepreneurship; Critical thinking skills; Problem solving skills; Business and personal goal-setting skills; Negotiation skills, Communication skills, Assertiveness skills, Interpersonal skills, Cognitive skills; **Transferable skills,** Practical application of entrepreneurial skills; Starting a new business; Managing a business start-up; Growing an entrepreneurial venture; Marketing skills; Managing people; Record keeping; networking skills; Time management skills; Change management skills; Entrepreneurship success stories in the global context.

Student Assessment Strategies

The module will be assessed using 100% continuous assessment.

MODULE TITLE:	LEADERSHIP SKILLS		
MODULE CODE	U3520LP		
NQF LEVEL	5		
Notional Hours	20		
Contact hours	1 x 2h per week for 6 weeks		
Mode of Delivery	Blended: Face to face and online		
Additional learning requirements	None		
NQF Credits	2		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Core Semester 1 or 2

Module Content

Definition and scope of leadership; History and origins of leadership; Types of leadership; **Leadership versus management skills;** Leader (master of self, effective manager of people, active visionary); manager; Not all leaders are managers; Not all managers are leaders; Authority versus leadership; Power versus leadership; **Principles of leadership** (ability, adaptive, action, empowerment, creativity, problem solving, shared); Are leaders born or made?; **Characteristics of a good leader;** Functions of leaders in organizations; Leading for the future; Mentoring skills; The 21st century leader; Ethical leadership skills; Responsible leadership skills.

Student Assessment Strategies

The module will be assessed using 100% continuous assessment.

MODULE TITLE:	PHYSIOTHERAPY SCIENCE II		
MODULE CODE	A3613SS		
NQF LEVEL	6		
Notional Hours	320		
Contact hours	4+4P hours		
Additional learning requirements:	N/A		
NQF Credits	32		
(Co-requisites) Prerequisite	(A3613ST) M3501BF M3501BOA3512BA M3511BP		
	A3513SS		
Compulsory/Elective	Compulsory	Semester Offered	2nd year semester 1 & 2

Module Content

GENERIC EVALUATION AND TREATMENT: The concept and process of evaluation; Evidence based practice and Outcome measures; Positioning for the cardiovascular, pulmonary, musculoskeletal and neurological systems; Biomechanics of systems associated with the spine; Biomechanics of specific regions of the spine; Pain and Psyche; Electrotherapy; Walking aids, wheelchairs and external support.

SPECIFIC EVALUATION AND TREATMENT OF THE CARDIOPULMONARY SYSTEM: Evaluation of the cardiopulmonary system; Manual techniques for the pulmonary system.

SPECIFIC EVALUATION AND TREATMENT OF THE MUSCULOSKELETAL SYSTEM: Evaluation of joints; Manual techniques for treatment of joints; Evaluation of the muscle system; Manual techniques for soft tissue and muscles.

SPECIFIC EVALUATION AND TREATMENT OF THE NEUROLOGICAL SYSTEM: Evaluation of the peripheral nervous system; Manual techniques for the treatment of peripheral neural structures; Evaluation of the central nervous system; Evaluation of postural control; Manual techniques for re-education of movement; Manual techniques for the management of individuals with CNS dysfunction; Manual techniques for neurological dysfunction in pediatrics.

THERAPEUTIC EXERCISE: Exercise physiology; Therapeutic exercise for cardiovascular, pulmonary and venous insufficiency; Exercise therapy; Individual exercise, group exercise and exercise programs.

Student Assessment Strategies

100% Continuous Assessment: a minimum of five (any combination) of tests, assignments, quizzes and duly completed tasks.

MODULE TITLE:	PHYSIOTHERAPY TECHNIQUES		
MODULE CODE	A3613ST		
NQF LEVEL	6		
Notional Hours	320		
Contact hours	4+4P hours		
Additional learning requirements:	N/A		
NQF Credits	32		
(Co-requisites) Prerequisite	(A3613SS) M3501BF M3501BO A3512BA M3511BP A3513SS		
Compulsory/Elective	Compulsory	Semester Offered	2nd year semester 1 & 2

Module Content

GENERIC EVALUATION AND TREATMENT: The process of evaluation; Outcome measures; Positioning for the Cardiovascular Pulmonary Musculoskeletal and neurological systems; Electrotherapy; Walking aids wheelchairs and external support

SPECIFIC EVALUATION AND TREATMENT OF THE CARDIOPULMONARY SYSTEM: Evaluation techniques of the cardiopulmonary system; Manual techniques for the pulmonary system

SPECIFIC EVALUATION AND TREATMENT OF THE MUSCULOSKELETAL SYSTEM: Evaluation of joints; Manual techniques for treatment of joints; Evaluation techniques of the muscle system; Manual techniques for soft tissue and muscles.

SPECIFIC EVALUATION AND TREATMENT OF THE NEUROLOGICAL SYSTEM: Evaluation techniques of the peripheral nervous system; Manual techniques for the treatment of peripheral neural structures; Evaluation techniques of the central nervous system; Evaluation of postural control; Manual techniques for re-education of movement; Manual techniques for the management of individuals with CNS dysfunction; Manual techniques for neurological dysfunction in pediatrics.

THERAPEUTIC EXERCISE: Exercise; Application of exercise therapy techniques; Application of therapeutic exercise for cardiovascular, pulmonary and venous insufficiency; Individual exercise, group exercise and exercise program implementation.

Student Assessment Strategies

100% Continuous Assessment: a minimum of five (any combination) practical technique evaluation sessions, assignments, tests, duly completed tasks.

MODULE TITLE:	CLINICAL PHYSIOTHERAPY I
MODULE CODE	A3693SC
NQF LEVEL	6
Notional Hours	120
Contact hours	120 clinical hours
Additional learning requirements:	Attendance of ward rounds in different clinical rotations and understand the relevance of multidisciplinary team approach
NQF Credits	12
(Co-requisites) Prerequisite	(A3613SS) (A3613ST) M3501BF, M3501BO, A3513SS, A3512BA; M3512BP, M3512MP
Compulsory/Elective	Compulsory Semester Offered 2nd year semester 1 & 2

Module Content

MACRO LEVEL: Experience the structure and functioning of the Namibian Health Care System; daily routine of a hospital ward
LOGBOOK: List of patient diagnosis interviewed and observed during the rotation; Motivation of how the specific patient/condition fits into the act pertaining to the scope of practice of a Namibian physiotherapist; Layout of the ethical considerations related to the specific patients interviewed and observed; Communication and interviewing
PORTFOLIO: SWOT analysis; List of the multidisciplinary team members and their role; Description of the specific ward/s where the rotation took place; Signed consent forms for each patient interviewed and observed; Evaluation forms completed to the point of planning the physical assessment including an ICF classification; Reflection
LOGBOOK CHECKLIST: Checklist for clinical rotations will include the following documents; ICF framework; Patient informed consent; SWOT analysis; Reflection; Patient log book;

Student Assessment Strategies

100% Continuous Assessment: consisting of a logbook (all the different conditions seen during the rotation and logged clinical hours) and duly completed portfolio

MODULE TITLE:	INTEGRATED PHYSIOLOGY AND PATHOPHYSIOLOGY III
MODULE CODE	M3611BP
NQF LEVEL	5
Notional Hours	160
Contact hours	3+4P hours
Additional learning requirements	None
NQF Credits	16
(Co-requisites)Prerequisite	M3511BP M3512BP
Compulsory/Elective	Compulsory Semester Offered 2nd year semester 1

Module Content

Physiology and Integrated Pathophysiology III is the integration of the normal functions of the body and the study of disordered physiological processes associated with disease or injury. This course is an introduction to physiology and pathophysiology designed especially to meet the needs of students preparing for careers in the health professions. This course will build on prior knowledge of anatomy and physiology as we explore body functions in altered health conditions. The course lays the basis for understanding major human body systems with an emphasis on the organ functions. The body systems to be covered in this module will include cardiovascular, respiratory, digestive, renal and respiratory system along with their associated pathophysiology.

Student Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 3 laboratory exercises). Examination: 50 % (1 X 3hours paper)

MODULE TITLE:	CLINICAL SCIENCES
MODULE CODE	A3612TS
NQF LEVEL	6
NOTIONAL HOURS	160
Contact hours	4+4P hours
Additional learning requirements:	Attendance of ward rounds in different clinical rotations and understand the relevance of multidisciplinary team approach
NQF Credits	16
(Co-requisites) Prerequisite	A3512BA M3611BP
Compulsory/Elective	Compulsory Semester Offered 2nd year semester 2

Module Content

This module focuses on systemic discussions of the sign and symptoms, diagnosis and management of the most common condition in obstetrics and gynecology, neurology, internal medicine, geriatrics, pediatrics and primary health care. The place for psychiatry and psychology in neurosciences will be discussed including the neuroanatomy and physiology related to mental disorders and the classification

and terminology defining it. Furthermore, the different fields for surgery and surgical management will be covered including the basic concepts and terminology as well as an insight in the management of a surgical patient during all phases of treatment. This will include general surgery and amputations, surgery in children, the surgical patient in the ICU, orthopedic surgery, ear nose and throat surgery, neurosurgery, urological and gynecological surgery, ophthalmology, cardiothoracic surgery and plastics and reconstructive surgery including burns.

Student Assessment Strategies

Continuous assessment: 50% at least three tests, assignments and duly completed tasks)

Examination: 50% - one written paper (3 hours)

MODULE TITLE:	CLINICAL PRACTICE		
MODULE CODE	A3700SP		
NQF LEVEL	7		
Notional Hours	240		
Contact hours	8+8P hours per week for six weeks		
Additional learning requirements:	Teaching sessions in the clinical setting		
NQF Credits	24		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	3rd year semester 0

Module Content

CLINICAL PORTFOLIO: SWOT analysis; patient consent form; patient evaluation form (including subjective and objective evaluation, ICF classification, short- and long-term goals, treatment plan, outcome measures); clinical statistics (list of patients seen, diagnoses, interventions); weekly reflection, referral letters, patient discharge summary; proof of evidence informed practice

SCIENTIFIC DOCUMENTATION: documentation of patient evaluation and treatment of cardiorespiratory, musculoskeletal and neurological conditions

MEDICAL ETHICS: informed consent

X-RAY DISCUSSIONS: expected information and its interpretation, possible complications expected from condition, contraindications and precautions for physiotherapy management, impact on patient's function and role

SURGICAL PROCEDURES OBSERVED: type of surgery, pathophysiology of the condition, risk factors for complications, possible events pre, during and post-surgery

SPECIALISED CLINICS: type of clinic attended, number of patients seen per day, referral pattern for patients, goals of patient management, roles of physiotherapy in the clinic

PRE- CLINICAL CASE STUDIES: Adult Neurology; Cardiorespiratory; Musculoskeletal/Orthopedics; Pediatrics Neurology; Surgical patient.

PHYSICAL ASSESSMENT OF PATIENTS: facilitate transitioning of students from conducting evaluation and treatment techniques on a model to conducting evaluation and treatment techniques on patients.

ONLINE DATABASE SEARCH: acquisition and critical review of best available evidence on an appropriate topic for patient/client care to inform clinical decision-making. Disease burden mapping.

BASIC LIFE SUPPORT: acquire a valid certificate in basic life support

Student Assessment Strategies

100% Continuous Assessment minimum of 3 (any combination) of: tests, assignments, quizzes, duly completed tasks

MODULE TITLE:	RESEARCH METHODS		
MODULE CODE	A3713TR		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	8 hours		
Additional learning requirements:	Group work; Presentation of proposals for approval		
NQF Credits	16		
(Co-requisites) Prerequisite	(A3700SP) None		
Compulsory/Elective	Compulsory		
Semester Offered	3rd year semester 0 (will continue in semesters 1 & 2 non-contact)		

Module Content

Introduction to research: Introduction to Quantitative research and Qualitative research, Literature Reviews (narrative, scoping, systematic), Identification, selection, analysis and formulation of the research problem; Identification and formulation of the research question; Hypotheses formulation. Formulate a problem statement and justification of the study, formulation of the study research questions and objectives, study limitations and delimitations.

Classification of study types: Descriptive studies, Exploratory Studies, Cross-sectional studies, Case report, case series, correlational studies. Analytical studies: Cohort studies, Case control studies, Comparative Cross sectional studies. Intervention studies: Clinical trials, Experimental studies, Quasi-experimental studies, fields interventional studies. The advantages and disadvantages of the different of study designs.

Sampling Methods: Non-probability sampling, Probability or random sampling; sample size determination. Study population, Specification study variables, and types of variables.

The Data collection methods: Data collection techniques, development of data collection tools and/or questionnaires, validity and reliability of tools, measures of trustworthiness.

Data analysis: quantitative and qualitative data analysis techniques AND Report writing and use of The Harvard referencing system.

Student Assessment Strategies

100% Continuous assessment: at least three tests, assignments and duly completed tasks (40%); research proposal (60%)

MODULE TITLE:	CLINICAL PHYSIOTHERAPY II
MODULE CODE	A3793SC
NQF LEVEL	7
Notional Hours	450
Contact hours	450 hours of supervised clinical practice
Additional learning requirements:	Attendance of ward rounds in different clinical rotations and understand the relevance of multidisciplinary team approach
NQF Credits	44
(Co-requisites) Prerequisite	(A3700SP) (A3713SA) A3613SS A3613ST A3693SC A3612TS
Compulsory/Elective	Compulsory Semester Offered 3rd year semester 1 & 2

Module Content

CARDIORESPIRATORY PHYSIOTHERAPY: Client presentation; problems; pathophysiology; Assessment; Airflow limitation; Impaired airway clearance; Decreased lung volume; Impaired gas exchange; pain and thoracic/chest wall mobility

NEUROMUSCULOSKELETAL PHYSIOTHERAPY: List of patient diagnosis interviewed and observed during the rotation; Motivation of how the specific patient/condition fits into the act pertaining to the scope of practice of a Namibian physiotherapist; Layout of the ethical considerations related to the specific patients interviewed and observe

PORTFOLIO: SWOT analysis; List of the multidisciplinary team members and their role; Description of the specific ward/s where the rotation took place; Signed consent forms for each patient interviewed and observed; Evaluation forms completed to the point of planning the physical assessment including an ICF classification; Reflection

LOGBOOK CHECKLIST: Checklist for clinical rotations will include the following documents; Problem list; ICF framework; Short and longterm goals; Patient informed consent; SWOT analysis; Reflection; Patient log book;

X-RAY DISCUSSION TASK: Discuss the fracture (#) on the presented X-Ray. Motivate the precautions regarding the handling of this patient; Professional presentation; Scientific language used; Systematic & organized presentation of information; Sufficient knowledge (anatomy, biomechanics); Insight & application of anatomy & biomechanics i.t.o #; Possible complication expected with #; CI&Pr i.t.o Physio Mx; Effect on joint movement/mobility; Impact on pt's function and role (ICF).

Student Assessment Strategies

100% Continuous assessment: at least three clinical assessments; at least 400 hours of supervised clinical work/work integrated learning and duly completed portfolios for each clinical rotation.

MODULE TITLE:	APPLIED PHYSIOTHERAPY I
MODULE CODE	A3713SA
NQF LEVEL	7
Notional Hours	360 hours
Contact hours	4+6P hours per week for 24 weeks
Additional learning requirements:	Patient demonstrations in hospital physiotherapy departments
NQF Credits	36
(Co-requisites) Prerequisite	(A3700SP) (A3793SC) A3613SS A3613ST A3693SC A3612TS
Compulsory/Elective	Compulsory Semester Offered 3rd year semester 1 & 2

Module Content

CASE STUDIES: Adhesive capsulitis; Amputation; Ankle ligament injury; Ataxia; Bell's palsy; Burns; Cerebral palsy; Cerebrovascular accident; Cervical spondylosis ;Cervicogenic headache; Chronic obstructive lung disease; Clubfoot; Colles fracture; Complex regional pain syndrome; Covid 19; Cystic fibrosis; DeQuervains tenosynovitis; Disc lesions; Down's Syndrome; Ergonomics; Fibromyalgia; Fractured femur; Gullain Barre syndrome; Hamstring injury; Laparotomy; Meniscus tear; Non-specific/chronic low back pain; Osteoarthritis; Parkinson's disease; Patellofemoral pain syndrome; Radial nerve palsy; Rheumatoid arthritis; Rotator cuff tear; Septic arthritis; Shoulder dislocation; Spina bifida; Spinal cord injury; Spinal surgery; Tennis elbow; Tetraplegia; Total knee and hip replacement; TMJ syndrome; Any other appropriate patient cases identified during clinical practice rotations.

Student Assessment Strategies

100% Continuous assessment: at least five (any combination) integrated tests, practical technique tests, assignments and duly completed tasks.

MODULE TITLE:	PHARMACOLOGY FOR PHYSIOTHERAPY
MODULE CODE	A3701SP
NQF LEVEL	7
Notional Hours	80
Contact hours	2 hours
Additional learning requirements	
NQF Credits	8
(Co-requisites) Prerequisite:	None
Compulsory/Elective	Compulsory Semester Offered 3rd year semester 1

Module Content

This module will cover the introduction to pharmacodynamics and pharmacokinetics of various pharmacological terminology and drugs in physiotherapy. The students will learn the autonomic nervous system; adrenergic and cholinergic systems. Central nervous system: Parkinsonism; anxiolytics and hypnotics; affective disorders and antidepressants; neuroleptics; epilepsy and anti-convulsants; opioid analgesics. Selected topics and drugs: Pain and inflammation (analgesics, steroids, local anaesthetics); muscle relaxants (orphenadrine etc.); respiratory disorders (bronchodilators, mucolytics); allergy and anaphylaxis; cardiovascular drugs; chemotherapy (antibiotics, antivirals, antifungals, anti-cancer drugs); gastrointestinal tract drugs; pharmacology affecting homeostasis and thrombosis; endocrine pharmacology; reproductive pharmacology; drug abuse; central stimulants/depressants; drug interaction.

Student Assessment Strategies

Continuous Assessment: 50% (minimum of 2 tests and 2 assignments)

Written Examination: 50% (1 X 2 hours' paper)

MODULE TITLE:	PRACTICE MANAGEMENT		
MODULE CODE	A3702TM		
NQF LEVEL	7		
Notional Hours	80		
Contact hours	2 hours		
Additional learning requirements:	Group work		
NQF Credits	8		
(Co-requisites) Prerequisite	(A3700SP)		
Compulsory/Elective	Compulsory	Semester Offered	3rd year semester 2

Module Content

Context of professional practice, professional autonomy and accountability; Practice in an ethical manner, manage the records and documentation related to practice; prepare and maintain records which provide evidence and rationale to support client-centred assessment findings, intervention plan and collaborative decision-making, which include service contracts, billing records, client chart, assessment outcomes, site visit reports, client consent, family meetings, team meetings, consultations; comply with policy and procedures on record management according to employers' regulations and requirements, including dissemination of records in written, verbal or electronic formats; participate in development of record management policy and procedures; participate in review or audit of records and record management; demonstrate commitment to lifelong professional development; develop and implement a continuing education plan based on assessed professional needs, this includes keeping pace with ongoing changes in the context of practice, reading current professional literature, networking and community involvement, educational programs, on-line or distance education, self-assessment, etc.; demonstrate ability to search for and obtain information, this includes research articles, periodicals, Internet, databases, experts, colleagues; demonstrate ability to critically appraise source and content of the information; apply new knowledge and relevant information to practice; adhere to and support legislative statutes; adhere to and support occupational therapy

Students must have a sound understanding of current government legislation: public health act, health professions act, hospitals and health facilities acts, pharmacy act, mental health act and the implication of this on their practice in the context of multidisciplinary/interdisciplinary team working and holistic care in meeting the needs of individual clients.

Theories, concepts and principles of health systems management: organisation of healthcare delivery services, management of human resources, finance and assets, information and logistics management; health care financing. The concept of community practice and Community Based Rehabilitation strategy.

Student Assessment Strategies

Continuous Assessment: 50% (tests and assignments)

Examination: 50% (1 x 2-hour paper)

MODULE TITLE:	RESEARCH PROJECT		
MODULE CODE	A3813TR		
NQF LEVEL	8		
Notional Hours	360		
Contact hours	4 hours		
Additional learning requirements	: Group work and Research supervision		
NQF Credits	36		
(Co-requisites) Prerequisite	A3783TR		
Compulsory/Elective	Compulsory	Semester Offered	4th year semester 1 & 2

Module Content

Data collection and analysis: The student focuses on data collection during the first semester of the fourth year as a longitudinal module from primary or secondary sources in Windhoek /Khomas region. According to the proposal the data can be from electronic databases, the clinics, hospital, City Council, Ministry of Health and Social Services or its institutions or from the community in a specified income cluster. The student will apply the skills of research methodology and epidemiology to clean and process the data using a suitable software package. At the end of the semester, the student will make a presentation detailing the results of the field work, summary tables and preliminary findings. Feedback from the student conference assists the student to review the analytical framework and finalise the written report. The conference presentation rating will constitute the continuous assessment for the semester. Report writing and use of The APA referencing system.

Student Assessment Strategies

100% Continuous Assessment: First presentation 30% and Report 70%

MODULE TITLE:	APPLIED PHYSIOTHERAPY II		
MODULE CODE	A3813SA		
NQF LEVEL	8		
Notional Hours	400		
Contact hours	4+4P hours		
Additional learning requirements:	Group tasks given to assist in integration of the concepts as students are given scenarios to analyse in groups		
NQF Credits	40		
(Co-requisites) Prerequisite	A3793SC A3713SA A3701SP A3702TM		
Compulsory/Elective	Compulsory	Semester Offered	4th year semester 1 & 2

Module Content

FACILITATING ENQUIRY BASED LEARNING (EBL): Definition; stages of EBL; benefits of EBL for facilitators; benefits of group work in EBL; EBL process-skills wheel; reflection.

INTERGRATED WORKSHOPS PN GENERIC TOPICS IN PHYSIOTHERAPY: Communication and interviewing; Electrotherapy; The role of Physiotherapy in the HIV/AIDS patient

CARDIOPULMONARY, MEDICAL AND SURGICAL COMPLEX CASES AND INTEGRATED WORKSHOPS; Coronary artery bypass graft surgery x4; Tuberculosis with lung abscess; Intro to physiotherapeutic management of critically ill patient workshops; Respiratory muscle training workshop; Clinical assessment of sleep related breathing disorders workshop; Pulmonary function testing workshop; Oncology MUSCULOSKELETAL/NEURO-MUSCULOSKELETAL COMPLEX CASES AND WORKSHOP: Acute knee injury on the sport field (ACL and MCL injury); Chronic pain; Orthopaedics PNS; Multi-trauma patient (including pelvic fracture); Traumatic Orthopaedics; Physiotherapy and the headache patient; Women's and men's pelvic health

NEUROLOGY COMPLEX CASES AND WORKSHOPS: CVA and amputation; Paediatric Neurology (treatment); Head injury

CLINICAL CASES: Patient cases identified as appropriate from clinical practice

Student Assessment Strategies

100% Continuous assessment: at least five (any combination) integrated tests, practical technique tests, assignments and duly completed tasks.

MODULE TITLE:	CLINICAL PHYSIOTHERAPY III		
MODULE CODE	A3893SC		
NQF LEVEL	8		
Notional Hours	700		
Contact hours	700 supervised clinical hours		
Additional learning requirements	: Attendance of ward rounds in different clinical rotations and understand the relevance of multidisciplinary team approach		
NQF Credits	70		
(Co-requisites) Prerequisite	(A3813SA) A3793SC A3713SA A3701SP A3702TM		
Compulsory/Elective	Compulsory	Semester Offered	4th year semester 1 & 2

Module Content

CARDIORESPIRATORY PHYSIOTHERAPY: Assessment and physiotherapy management of clients in critical care and rehabilitation

NEUROMUSCULOSKELETAL PHYSIOTHERAPY: List of patient diagnosis interviewed and observed during the rotation; Motivation of how the specific patient/condition fits into the act pertaining to the scope of practice of a Namibian physiotherapist; Layout of the ethical considerations related to the specific patients interviewed and observe. During this placement student are to be exposed to demands of practice more consistent with that required of a new graduate

PORTFOLIO: SWOT analysis; List of the multidisciplinary team members and their role; Description of the specific ward/s where the rotation took place; Signed consent forms for each patient interviewed and observed; Evaluation forms completed to the point of planning the physical assessment including an ICF classification; Reflection

LOGBOOK CHECKLIST: Checklist for clinical rotations will include the following documents; Problem list; ICF framework; Short and longterm goals; Patient informed consent; SWOT analysis; Reflection; Patient log book;

X-RAY DISCUSSION TASK: Discuss the fracture (#) on the presented X-Ray. Motivate the precautions regarding the handling of this patient; Professional presentation; Scientific language used; Systematic & organized presentation of information; Sufficient knowledge (anatomy, biomechanics); Insight & application of anatomy & biomechanics i.t.o #; Possible complication expected with #; CI&Pr i.t.o Physio Mx; Effect on joint movement/mobility; Impact on pt's function and role (ICF).

Student Assessment Strategies

100% Continuous assessment: at least three clinical assessments; at least 650 hours of supervised clinical work/work integrated learning and duly completed portfolios for each clinical rotation.

BACHELOR OF SCIENCE IN PHYSIOTHERAPY HONOURS 18BPTY (PHASED OUT FROM 2023)

LEVEL OF QUALIFICATION

NQF 8

TOTAL CREDITS REQUIRED

536

VISION

To be a sustainable and innovative center of excellence in training and research pertaining to the physiotherapy profession.

MISSION

To contribute towards the transformation of national healthcare services by training internationally recognized physiotherapists engaged in reflective evidence based practice within the philosophy and values inherent to the physiotherapy profession and the University of Namibia.

PURPOSE

The Bachelor of Science in Physiotherapy Honours is designed to equip physiotherapists as essential service providers and important role players within the Namibian Health Service. The programme aims to provide students with a clear understanding of physiotherapy services for individuals and populations which are aimed at developing, maintaining, and restoring maximum movement and functional ability throughout the lifespan. This includes providing services in circumstances where movement and function are affected by ageing, injury, pain, disease, disorders, other conditions or environmental factors. The Bachelor of Science in Physiotherapy Honours will equip physiotherapists to be socially responsible, knowledgeable and well skilled to practice as generalists, at all levels of the healthcare services within an African context as appropriate according to national health priorities.

The graduates of this qualification will find employment opportunities in both the public and private sectors in Namibia. Healthcare settings dealing with health (hospitals, clinics, community health centres), welfare (homes and other community based facilities), labour, safety and security, industry, education and justice, as well as in Non-Governmental Organisations, self-help organisations, private practice and public enterprises within the local and global arena all require physiotherapy services.

With ageing populations and increasing morbidity and mortality arising from traumatic injury and non-communicable disease like diabetes, respiratory diseases and stroke, the need for physiotherapy care will continue to grow. The World Health Organisation (WHO), World Physiotherapy and national governments including the Government of Namibia as well as professional organisations such as Namibian Society of Physiotherapy, continue to advocate for well-trained professionals to respond to the individual and population needs for physiotherapy care. The establishment of an educational programme for Physiotherapy will effectively facilitate the coordination and development of physiotherapy services. Currently these services are not accessible to most Namibians as they are only provided at intermediate hospitals and very few district hospitals, and where these services are available, they are often delivered in a manner that is not well standardised. Rehabilitation services have significantly evolved over time and current trends extend beyond the provision of therapeutic rehabilitation to people with disabilities.

In 2020 Namibia had only 152 registered Physiotherapists of which the majority are in the Khomas and Erongo regions leaving the remaining regions with access to only a handful of physiotherapists. Moreover, most of the Physiotherapists are in the private sector with only 8 currently working in state or public facilities where more than 85% of the population seek healthcare. Most of the 383 state facilities have to function without the services of a registered physiotherapist even though physiotherapy is classified as an essential service by the MoHSS. The critical shortage of physiotherapists is therefore evident. Other stakeholders in the physiotherapy sector have been engaged with regards to decision-making, training, and employment in Namibia. These stakeholders include Motor Vehicle Accident Fund, Ministry of Health and Social Services, Namibian Society of Physiotherapy, Health Professions Council of Namibia and Stellenbosch University.

PROGRAMME OUTCOMES

Holders of this qualification will be able to:

- Execute safe, effective, and professional practice through demonstration of knowledge and skills in client and community-centered care
- Build capacity for rehabilitation services and management of clients through innovation and entrepreneurship
- Communicate effectively verbally and non-verbally as an active member of the healthcare team with clients, family, caregivers, and other parties involved in the delivery of healthcare
- Exhibit compassion, cultural sensitivity, environmental awareness and social responsibility on the outcomes of health care.
- Implement independent lifelong learning by evaluating his/her own capability and engaging in continual professional development to maintain the required level of professional competencies
- Demonstrate adaptability, flexibility, resilience and scholarly skills through identifying a problem and finding a solution
- Interpret and conduct supervised research in physiotherapy practice and practice evidence-based care.
- Practice ethical and moral leadership and conduct in principles of management and medical jurisprudence to administer health care delivery systems
- Advocate for patient/client groups with particular health needs (including the less privileged and marginalised members of society)
- Qualify for registration with the health professions council of Namibia (HPCNA)

ARTICULATION OPTIONS

This qualification may serve as an entry point to a Master's degree in Physiotherapy or another related field (public health, health administration, health profession education, etc.)

DURATION OF STUDY

The minimum duration for full-time study programme extends over a period of four (4) years. The maximum period of full-time study is six (6) years.

DELIVERY MODE

The qualification focuses on the engagement of students in an interactive learning process in order to provide for the development of generic cognitive and intellectual skills, key transferable skills, and, as the case may be, subject specific professional and/or technical practical skills. The learning process will be facilitated in lecture rooms, practical venues and clinical settings in which students will be required to complete relevant tasks. This facilitation will make use of, inter alia, lectures, practical projects, tutorials, case studies, problem based learning and individual and/or group work as well as excursions. Multimedia courses offering online tutorials and lectures will also be used. The progress of learning embedded in such tasks will be monitored, recorded and assessed. The programme is offered on a full-time basis at the Hage Geingob Campus in Windhoek.

QUALITY ASSURANCE

Each module will have one or more examiners and one moderator. Moderators will be identified externally. The required minimum qualification of the moderator will be at least a Master degree. The moderators must also be knowledgeable individuals who are well-respected experts in physiotherapy. Lecturing staff will set and mark tests/assignments and/or examinations which will, together with relevant study material for that particular module, and any other material containing learning outcomes in the context of the qualification learning outcomes, be forwarded to the moderator for moderation purposes. This process will ensure the quality of the assessment process and the qualification as a whole. The examinations, memoranda and module outlines will be forwarded to moderators, approved by Senate, for moderation. Modules which are assessed by thesis will be moderated in accordance with the University's rules for studies at postgraduate level.

ASSESSMENT CRITERIA

Modules are examined through 100% Continuous Assessment (CA) with a minimum of five tests, assignments, quizzes, duly completed tasks in any combination) OR CA and final examination.

To pass a module, a minimum final mark of 50% is required, unless otherwise stated in the individual module descriptor.

A minimum CA mark of 50% is required to gain entrance into the relevant module examination, unless otherwise stated in the individual module descriptor.

The final mark for a module with a CA and final examination will be calculated using a ratio of CA mark: Exam mark of 50%:50% unless otherwise stated in the individual module descriptor.

Notwithstanding the above, a subminimum of at least 40% will apply to the Exam Mark and 50% for a Clinical Examination where applicable, unless otherwise stated in the individual module descriptor.

For clinical modules students will be required to complete the stipulated hours and numbers of clinical procedures as a prerequisite for summative assessments.

MINIMUM REQUIREMENTS FOR RE-ADMISSION INTO THE FACULTY

In order for readmission to the Physiotherapy program for a particular year of registration, a student must have passed the minimum number of credits required as indicated below:

- 64 credits by the end of the first year: 32 credits of these credits must be non-core
- 144 credits by the end of the second year
- 240 credits by the end of the third year
- 352 credits by the end of the fourth year
- 440 credits by the end of the fifth year

ADVANCEMENT AND PROGRESSION RULES

In general, a student advances to the following academic level of study when at least 2/3 of the modules of the curriculum for a specific year have been passed. If a student passes only 1/3 of the full curriculum of a specific year, he/she may not register for any modules for the following year. In all cases, pre-requisites for modules have to be passed before a student can proceed to register for modules that require pre-requisites.

- **From year 1 to year 2:** At least 120 credits prescribed for year 1 must be passed.
- **From year 2 to year 3:** All first-year modules plus at least 120 credits prescribed for year 2 must be passed.
- **From year 3 to year 4:** All first, second and third-year modules must be passed.

MAXIMUM NUMBER OF MODULES PER YEAR

No student will be allowed to register for more than the following credits as indicated below:

- Year 1: 152 credits
- Year 2: 168 credits
- Year 3: 152 credits
- Year 4: 128 credits

REQUIREMENTS FOR QUALIFICATION AWARD

This qualification will be awarded to candidates credited with a minimum of 536 credits, and who have met all the requirements of the degree programme, including field/clinical placements and portfolios. A minimum of 1100 clinical hours must be completed.

CURRICULUM FRAMEWORK

Module	Outcomes of Learning	Year
Core Modules		
Computer Literacy	Apply practical computer skills to effectively use Microsoft Windows, Microsoft Word, Microsoft Excel and Microsoft PowerPoint.	1
English for Academic Purpose	Develop a student's understanding and competencies regarding academic conventions such as academic reading, writing, listening and oral presentation skills for academic purposes.	1
Contemporary Social Issues	Formulate, construct and justify the arguments around academic, social, economic and political reasoning, with regards to HIV/AIDS and ethical issues.	1
Basic Science & Medical Science		
Medical Physics	Demonstrate an understanding of concepts and principles of physics that have direct relevance in the learning and practice of physiotherapy.	1
Organic Chemistry	Describe the core elements in the periodic table alongside chemical and physical properties of relevant organic compounds	1
General Biochemistry I	Discuss chemistry and biological functions on cellular level and how its genetic importance fits into clinical practice.	1
Embryology and Introduction to Anatomy	Apply principles of cell biology, histology, human embryology and introduction to anatomy.	1
Anatomy For Allied Health Sciences	Display detailed knowledge of the anatomy and histology of the spine, upper and lower limbs and the organs of human body.	1
Systems Physiology I	Demonstrate an understanding of the concepts of how cells, tissues, organs, and organ systems function together to create one human organism. The course lays the basis for understanding diagnosis and treatment of diseases.	1
Systems Physiology II	Incorporate basic physiology principles in the appropriate clinical context and be aware of physiological research to improve diagnoses and treatments of diseases. Understand why and how the human body maintains homeostasis.	1
Social Science & Communication		
Sociology of Health and Disease	Display knowledge and skills necessary to practice in different social-cultural settings.	1
Developmental Psychology	Analyze human behavior as a response to nature (genetics) and nurture (environmental factors)	2
Local Language for Health science communication	Approach patients and relatives in a culturally sensitive manner in a language/culture that is not their home language/culture.	2
Physiotherapy Science		
Physiotherapy Science I	Discuss terminology and basic approaches used in human movement and biomechanics to be able to evaluate normal and abnormal functional movement and apply basic physiotherapeutic treatment and handling skills, which will form the foundation of the therapeutic process.	1
Physiotherapy Science II	Demonstrate specific physiotherapeutic skills of assessment, clinical reasoning and management regarding movement and functioning of the human body laying the foundation for physiotherapy practice.	2
Professional Practice		
Professional Practice	Analyse a clinical/ professional situation in terms of the allied health sciences code of ethics and the Namibian code of conduct and practice in compliance of both. practice	2
Physiotherapy Practice	Develop knowledge and attitudes to safely and effectively practice physiotherapy within the context of the Namibian health setup.	3
Clinical Science & Pharmacology		
Clinical Sciences I	Have the knowledge of the most common health medical, neurological and psychiatric conditions encountered in Namibia, their aetiology, prevalence and their medical management with the skill to obtain the same knowledge of any other disease encountered.	2
Clinical Sciences II	Have the knowledge of the most common health surgical, neurosurgical, orthopaedic surgical and surgical conditions (e.g., ear nose and throat) encountered in Namibia, their aetiology, prevalence and their medical management with the skill to obtain the same knowledge of any other disease encountered.	2
Pharmacology for Physiotherapy	Discuss the principles of pharmacodynamics and pharmacokinetics and Apply the mechanisms and treatment of analgesic and antipyretic effects of the non-steroidal anti-inflammatory and pain drugs relevant to physiotherapy.	3
Applied Physiotherapy		
Applied Physiotherapy I	Demonstrate integration of knowledge, concepts of physiotherapy science, clinical sciences, clinical physiotherapy and social context of a patient at different levels of health care, applying the clinical reasoning process with regard to the management of patients by interpretation and analysis of physical, functional and psychological status of the patient.	3
Applied Physiotherapy II	Demonstrate appropriate use of manual techniques and other physiotherapy interventions through the interpretation an examination/evaluation and formulation of a physiotherapy diagnosis/hypothesis and prioritising problems; students also gain experience in selecting physiotherapy interventions as well as/motivate the various approaches that can be followed in the management of patients.	4

Clinical Physiotherapy & Physiotherapy Practice		
Clinical Physiotherapy I	Understand different levels of health care and principals of record keeping.	2
Clinical Physiotherapy II	Apply the clinical knowledge, skill and attitudes with a focus on patient management by performing basic physiotherapeutic techniques (evaluation and treatment) effectively and safely, engaging in multidisciplinary communication and ethical practice.	3
Clinical Physiotherapy III	Apply all the steps of the physiotherapy practice proses under minimal supervision.	4
Research		
Research Methods	Apply the principles of research methodology, statistical concepts and study designs leading to developing and writing a research protocol.	3
Research Project	Perform data collection, data analysis and summaries findings using the preferred technique(s), in a critical research report, at a level of possible publication in research journals.	4

SUMMARY TABLE FOR ALL MODULES

Module code	Module name	NQF Level	Credits	Contact hours per week	(Co-requisite) / Pre-requisite
Year 1 Semester 1					
CLC3509	Computer Literacy	5	8	2	
CSI3580	Contemporary Social issues	5	4	1	
LEA3519	English for Academic Purposes	5	16	4	
ATM3511	Embryology and Introduction to Anatomy	5	16	3+4P	
PLG3501	Medical Physics	5	8	2	
BCM3501	Organic Chemistry	5	8	2+2P	
PLG3511	Systems Physiology I	5	16	3+4P	
PTY3580	Physiotherapy Science I	5	8	2+2P	
Total Credits Semester 1					84
Year 1 Semester 2					
CSI3580	Contemporary Social Issues	5	4	1	
PTY3580	Physiotherapy Science I	5	8	2+2P	
BCM3512	General Biochemistry I	5	16	3+4P	BCM3501
CMM3512	Sociology of Health and Disease	5	16	3+4P	
ATM3532	Anatomy for Allied Health Sciences	5	16	3+4P	
PLG3512	Systems Physiology II	5	16	3+4P	
Total credits Semester 2					76
TOTAL CREDITS YEAR 1					160
Year 2 Semester 1					
PTY3680	Physiotherapy Science II	6	32	6+8P	PTY3580, PLG3501, BCM3501, BCM3512, ATM3511, ATM3532, PLG3511, PLG3512
PCT3600	Developmental Psychology	6	8	2	
OTH3611	Clinical Sciences I	6	16	4+3P	PTY3580, ATM3511, ATM3532 PLG3511, PLG3512
PTY3681	Professional Practice	6	12	3	PTY3580
Total Credits Semester 1					68

Year 2 Semester 2						
PTY3680	Physiotherapy Science II	6	32	6+8P	PTY3580, BCM3501, ATM3511, PLG3511, PLG3512	PLG3501, BCM3512, ATM3532
PCT3600	Developmental Psychology	6	8	2		
PTY3602	Clinical Physiotherapy I	6	8	80 Integrated hours	PTY3580, ATM3532, PLG3512, PTY3681	ATM3511, PLG3511
OTH3612	Clinical Sciences II	6	16	4+3P	PTY3580, ATM3532	ATM3511, PLG3511, PLG3512
LCH3682	Local Languages for Health Science Communication	6	4	1		
Total credits Semester 2						68
TOTAL CREDITS YEAR 2						136
Year 3 Semester 1						
PTY3780	Clinical Physiotherapy II	7	20	Total 200 hours	PTY3602 and PTY3680	
PTY3790	Applied Physiotherapy I	7	20	Total 200 hours	PTY3602 and PTY3680	
PTY3700	Research Methods	7	8	2		
PTY3701	Pharmacology for Physiotherapy	7	8	2	BCM3501, PTY3602, PTY3680	BCM3512
Total Credits Semester 1						56
Year 3 Semester 2						
PTY3780	Clinical Physiotherapy II	7	20	Total 200 hours	PTY3602 and PTY3680	
PTY3790	Applied Physiotherapy I	7	20	Total 200 hours	PTY3602 and PTY3680	
PTY3700	Research Methods	7	8	2		
PTY3702	Physiotherapy Practice	7	8	2	PTY3681	
Total credits Semester 2						56
TOTAL CREDITS YEAR 3						112
Year 4 Semester 1						
PTY3810	Research Project	8	16	4	PTY3700	
PTY3830	Applied Physiotherapy II	8	16	7 Integrated hours	PTY3790	
PTY3880	Clinical Physiotherapy III	8	32	Total 320 hours	PTY3780	
Total Credits Semester 1						64
Year 4 Semester 2						
PTY3810	Research Project	8	16	4	PTY3700	
PTY3830	Applied Physiotherapy II	8	16	7 integrated hours	PTY3790	
PTY3880	Clinical Physiotherapy III	8	32	Total 320 hours	PTY3780	
Total credits Semester 2						64
TOTAL CREDITS YEAR 4						128

SPECIFIC MODULE DESCRIPTORS**YEAR 1****MODULE TITLE: CONTEMPORARY SOCIAL ISSUES**

CODE:	CSI3580		
NQF LEVEL:	5		
Notional hours:	80		
Contact Hours:	1 hour per week for 28 weeks		
NQF Credits:	8		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1 and 2

Module Description:

This module aims at encouraging behavioural change among UNAM students with special reference to their sexual behaviour and to inculcate the primacy of moral reasoning in their social relations and their academic lives.

Special emphasis will be placed on the construct of citizenship and its relation to democracy and the common good. Critical transformative theory will underline the content of CSI. The following six areas will be covered: Learning Strategies and Approaches; Norms, Rules and Human Conduct; Leadership, Citizenship, Democracy and Common Good; Ethics; Health and Human Sexuality; Environment and Sustainability.

Assessment Strategies:

Continuous flexible modes of assessment: 100% CA

MODULE TITLE: COMPUTER LITERACY

Code:	CLC3509		
NQF level:	5		
Notional hours:	80		
Contact Hours:	2 hours per week for 14 weeks		
NQF Credits:	8		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1

Module Content:

Understanding computer systems and technology: The problem-solving base approach; Structure and components of a modern computer processor, memory, hard drives, disk drives, interfaces; The Windows based environment.

Principles of information processing: word-processing, spreadsheets, presentations, databases; nature and use of software.

Practical exercises: Use of MS Word, Excel, PowerPoint; Communication using email; Overview of Internet.

Assessment Strategies

- 100% Continuous Assessment: Contribution to final mark:
- Two practical tests 50%
- Two theory tests 50%

MODULE TITLE: ENGLISH FOR ACADEMIC PURPOSE

Code:	LEA3519		
NQF level:	5		
Notional hours:	160		
Contact Hours:	4 hours per week for 14 weeks		
NQF Credits:	16		
Pre-requisite:	English (IGCSE B symbol) or LCE3419		
Compulsory/Electives:	Compulsory	Semester offered:	1

Module Aims:

This module develops a student's understanding and competencies regarding academic conventions such as academic reading, writing, listening and oral presentation skills for academic purposes. Students are required to produce a referenced and researched essay written in formal academic style within the context of their university studies. Students are also required to do oral presentations based on their essays. The reading component of the module deals with academic level texts. This involves students in a detailed critical analysis of such texts. The main aim is therefore to develop academic literacy in English.

Assessment Strategies

- Continuous Assessment: 50% (minimum of 2 class tests and 2 assignments)
- Examination: 50% (1 x 3 hours paper)

MODULE TITLE: EMBRYOLOGY AND INTRODUCTION TO ANATOMY

Code:	ATM3511		
NQF level:	5		
Notional hours:	160		
Contact hours:	3 + 4p hours per week for 16 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1

Module Content

The module provides building blocks to master the following topics i) man's place in the organismic kingdom. ii) basic embryological concepts. iii) histological structure and function of the primary tissues in the body. iv) terminology and definitions in anatomy and v) organs and systems anatomy. The module includes an introduction to microscopy and methods in microscopy.

The module consists of the following entities and themes which gradually progress from cells, tissues, organs to organ systems: Cell biology, consisting of structure and function of cells and cell organelles and biological communication. Embryology, consisting of basic anatomy and physiology of reproduction, fertilization, implantation, the placenta, and development of the embryo till trilaminar stage. Introduction to human histology including histology of the basic tissues, namely epithelial tissue, connective tissues, muscle tissue and nervous tissue and introduction to hematology and immunology. Introduction to anatomy including topics: Organismic kingdom, evolution, humans and their environment, history of anatomy, anatomical concept and terms. Introduction to all the major body systems (nervous, sensory, cardiovascular, respiratory, muscular, digestive, urogenital, endocrine, lymphatic, integumentary and immune).

Assessment Strategies

- Examination mark:
 - One 2-hour theory examination paper (50%)
 - One practical examination paper (50%)
- Final mark: 50% of exam mark and 50% of class mark.

MODULE TITLE: MEDICAL PHYSICS

Code:	PLG3501		
NQF level:	5		
Notional hours:	80		
Contact Hours:	2 hours per week for 16 weeks		
NQF Credits:	8		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1

Module content

Topics: Units (standards, SI system, converting units, order of magnitude); Motion (displacement, velocity, acceleration, falling objects); Vectors (representation, adding, subtracting scalar product, vector product); Force (Newton's 1st on 3rd laws, mass, weight); Equilibrium (statics, equilibrium, elasticity); Fluids (density, specific gravity, pressure, Pascal's principle, measurement, flow, Bernoulli's Principle, viscosity, surface tension, pumps); Waves (wave motion, types of waves, energy, amplitude and frequency, reflection and interference, resource, refraction and diffraction); gas laws; Temperature (atomic theory, temperature and thermometers, thermal expansion, thermal stress, diffusion); Electricity (charge, field, potential, currents, basic circuits; Magnetism (magnetic fields, electric currents, force, electric charge, ampere and out coulomb, Ampere's Law, torque); Electromagnetism (electromagnetic induction, transformers, transmission of power, production of electromagnetic waves, light and electromagnetic spectrum); Light (wave versus particles, diffraction, refraction, visible spectrum and dispersion); Molecules and Solids (bonding in molecules, weak bounds); Radioactivity (structure and properties of nucleus, binding energy and nuclear forces, radioactivity, alpha, beta, and gamma decay, half-life and rate of decay, radioactive dating). Application of related concepts of physics such as short wave, radio waves, ultrasonic waves, laser and magnetic resonance in physiotherapy practice and medicine in general.

Assessment Strategies

- Continuous Assessment: 50% (minimum of 2 class tests and assignments)
- Examination: 50% (1 x 3 hours' paper)

MODULE TITLE: ORGANIC CHEMISTRY

Code	BCM3501		
NQF level	5		
Notional hours:	80		
Contact Hours:	2 lecture hours + 2 P per week for 16 weeks		
NQF Credits:	8		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory		
Semester offered:	1		

Module content

The materials covered in this module are: Periodic table and electronegativity scale, acid base properties of solutions, thermodynamics, nomenclature of hydrocarbons, basic reactions of organic compounds, introductory spectroscopy, preparation of solution, principles of laboratory safety and laboratory procedures.

Methods of facilitation of learning

The module will be facilitated through the following learning activities:

- Lectures, in-class exercises, group assignments and individual homework self-learning assignments
- Students will be referred to reading resources for their assignments and self-study

Assessment Strategies

- The continuous assessment (CA): 50% (minimum of 3 tests and 2 assignments)
- Examination: 50% Examination (1 x 3 hours written paper + 1½ h practical examination)

MODULE TITLE: SYSTEMIC PHYSIOLOGY I

Code:	PLG3511		
NQF level:	5		
Notional hours:	160		
Contact Hours:	3+4P hours per week for 14 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1

Module Content

The study of physiology encompasses a number of fields of study from molecules to ecosystems. Here we begin with an investigation of basic cell processes. The students will be expected to understand how molecular interactions are integral to the generation, storage and utilisation of energy, signaling and cellular dynamics. Building upon this we will stress the importance of cellular and tissue compartmentation and how information flows within a cellular and mass context. The integration of these systems and how they may impact homeostasis is also of critical importance.

Students will familiar them with the components and mechanics of the: Basic Cell Processes, energy and cellular metabolism, membrane dynamics and communication, integration and homeostasis; the cellular and network properties of neurons and how they function within the context of the central and peripheral nervous systems; the muscular skeletal system and the control of body movement; the structure and function of the endocrine system; digestive system; cardiovascular control including blood flow and the control of blood pressure; respiratory mechanics and gas exchange; blood and blood products; renal function and control including fluid and electrolyte balance; exercise and metabolism; reproduction and development.

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 2 tests and 5 laboratory exercises).
- Examination: 50% (1 X 3 hours' paper)

MODULE TITLE: PHYSIOTHERAPY SCIENCE I

Code:	PTY 3580		
NQF level:	5		
Notional hours:	160		
Contact hours:	2 + 2P per week for 32 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1 and 2

Module Content

The major topics covered in this module will be:

Movement and Posture (Static positions; Dynamic postures during functional movement; Effects of aging and pregnancy on movement and posture). Normal Development of Movement (Motor control; Motor development; Motor development from neonate to 12 months; Motor development from one year of age to six years). Introduction to Manual Techniques (Effects of manual techniques on the body; Massage). Ergonomics and Kinetic Handling (Principles of kinetic handling; Transfers). Biomechanics (Kinematics; Kinetics; Force systems; Biomechanics of contractile tissue and non-contractile tissue; Stability and point of gravity). Biomechanics of the extremities (upper limb and lower limb joint complexes).

Module assessment:

- Continuous Assessment: 50% (minimum of 3 tests and 2 assignments)
- Examination: 50% Examination (1 x 3 hours written paper + 1½ h practical examination)

MODULE TITLE: GENERAL BIOCHEMISTRY I

Code:	BCM3512		
NQF Level:	5		
Notional hours:	160		

Contact Hours:	3 lecture hours + 4P hours per week for 16 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Content

The module will cover the following topics: Principles of Medical Biochemistry; cell structure and function; cell cycle; basic structure, biochemical properties and function of biomolecules in health and disease; glycoconjugates; complex lipids; eicosanoids and their role in inflammation; importance of lipoproteins in health and disease, definition of enzymes and their roles in cell function, therapeutics, diagnostics and inborn metabolic errors; cell signaling and communication; nucleotides and DNA organisation; DNA replication, transcription and translation; mechanism of mendelian inheritance; mutations and disease; basic principles of chromosomal aberrations and cytogenetics; basic principles of bioinformatics; techniques in DNA isolation, PCR sequencing and microarrays; DNA and protein electrophoresis; point of care diagnostics.

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 3 tests and 2 assignments).
- Examination: 50% (1 x 3 hours written paper + 1½ h practical examination)

MODULE TITLE: SOCIOLOGY OF HEALTH AND DISEASE

CODE:	CMM3512		
NQF LEVEL:	5		
Notional hours:	160		
Contact Hours:	3 lecture hours + 4P hours per week for 16 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Content

Sociological understanding of health, illness and disease considers the structural and social factors and not largely relies on biological medical explanations of health and disease. The structural emphasis will entail consideration of the political, economic and social cultural elements that foster ill/health, as well as the forces that allows/constrain the health care system and individuals' responses to illness. The module also focuses on the indirect pathway between sociology and health/disease and emphasises the role that beliefs and behaviours play in health and illness.

Furthermore, the module will address the sociological definition of disease, explore major theoretical perspectives in health, behavioural science and sociology, the influence of class, gender and ethnicity on health; global and rural health problems; health promotion and community health services among others. This will enable the students to understand the social determinants of health, social construction of illness, social meanings of illness, patterns in the distribution of health and illnesses, people health seeking behaviours; interaction between patients and the health provider. The module will also explore medicine as power and social control and the role of alternative medicines.

Students will also examine health-related behaviours and apply many of the theories to specific behaviours, e.g., addictive behaviours and the factors that predict smoking and alcohol consumption as well as Gender Based Violence and HIV. Throughout the module students will focus on the interrelationships between beliefs, behaviour and health using the example of placebo effects; illustration of this interrelationship in the context of illness, focusing on HIV, cancer, obesity and coronary heart disease; aspects of women's health; the problems with measuring health status and the issues surrounding the measurement of quality of life.

Assessment Strategies

- Continuous Assessment: 50%
 - Attendance 10%
 - Student Directed seminars 10%
 - Class test (1) 20%
 - Assignment (1) 20%
 - Group projects (2) 40%
- Final Examination: 50%

MODULE TITLE: ANATOMY FOR ALLIED HEALTH SCIENCES

CODE:	ATM3532		
NQF LEVEL:	5		
Notional hours:	160		
Contact hours:	3 + 4p hours per week for 16 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Aims

This module is designed to provide continued study of histological and anatomical systems. In this semester special attention is paid to the relation of anatomy of these systems to their function and dysfunction in human movement. It has a strong focus on the mechanical properties of bone, ligaments, tendons, cartilage, neural and muscle tissue as these are the fundamental materials or structures of which the musculoskeletal system is composed. There is some revision of gross anatomy and functional musculoskeletal anatomy of the limbs and trunk as appropriate to the topics discussed. In addition to normal function it includes the mechanisms of and adaptations to injury, disease and rehabilitation. Anatomical aspects of posture and locomotion and their changes through the lifespan are also covered.

Assessment Strategies

(All class tests in this module have a practical component contributing 50% of the test mark)

- Examination mark: 1 x 3-hour theory examination paper (50%); 1 x 1-hour practical examination paper (50%)
- Final mark: 50% of exam mark and 50% of Class mark.

MODULE TITLE: SYSTEMIC PHYSIOLOGY II

CODE:	PLG3512		
NQF LEVEL:	5		
Notional hours:	160		
Contact Hours:	3 + 4P hours per week for 14 weeks		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Content

The study of physiology encompasses a number of fields of study; from molecules to ecosystems. Here we begin with an investigation of basic cell processes. The students will be expected to understand how molecular interactions are integral to the generation, storage and utilisation of energy, signalling and cellular dynamics. Building upon this we will stress the importance of cellular and tissue compartmentation and how information flows within a cellular and mass context. The integration of these systems and how they may impact homeostasis is also of critical importance. By the end of the module students will also be familiar with the components and mechanics of the: Basic cell processes including cells and tissues, energy and cellular metabolism, membrane dynamics and finally, communication, integration and homeostasis

The cellular and network properties of neurons and how they function within the context of the central and peripheral nervous systems

The muscular skeletal system and the control of body movement

The structure and function of the endocrine system

Digestive System

Cardiovascular control including blood flow and the control of blood pressure

Respiratory mechanics and gas exchange

Blood and blood products

Renal function and control including fluid and electrolyte balance

Exercise and metabolism

Reproduction and development

Assessment Strategies

- The continuous assessment (CA): 50% (minimum of 2 tests and 5 laboratory exercises).
- Examination: 50% (1 X 3 hours paper)

YEAR 2

MODULE TITLE: PHYSIOTHERAPY SCIENCE II

CODE:	PTY3680		
NQF LEVEL:	6		
Notional hours:	640		
Contact Hours:	6 + 8P hours per week for 32 weeks		
NQF Credits:	64		
Pre-requisite:	PTY3580		
Compulsory/Electives:	Compulsory		
Semester offered:	1 and 2		

Module Content

This module will be divided into sections for Generic Evaluation and Treatment, Specific Evaluation and Treatment and Electrotherapy. Each unit will cover specific topics.

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 2 tests and 5 laboratory exercises).
- Written Examination and OSCE examination: 50% (1 X 3 hours' paper plus OSCE)

MODULE TITLE: DEVELOPMENTAL PSYCHOLOGY

Code:	PCT3600		
NQF Level:	6		
Notional hours:	160		
Contact Hours:	2 lecture hours per week for two semesters		
NQF Credits:	16		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1 and 2

Module Content

This module focuses on applicable developmental theories such as the psychodynamic theory, particularly Freud's psychosexual theory and Erickson's psychosocial theory and developmental theories of cognitive development. To be considered here are Piaget's theory of cognitive development as well as Vygotsky's theory of cognitive development (sociocultural-historical theory, particularly the notions of the zone of proximal development and scaffolding in cognitive development). The module will examine perinatal/prenatal development, including the period from conception to birth. Environmental influences on prenatal development, hereditary/genetic influences on human development and hereditary/genetic transmission, genetic and chromosomal abnormalities, birth complications, and maternal stress will be explored. How infants sense and perceive the world will be examined. Furthermore, the module will examine the five domains of human development from infancy, adolescence, through adulthood (cognitive development, physical development, emotional development, social development and language development (attainment of normal developmental milestone). Finally, chronic illness in childhood and hospitalisation, as well as child physical, emotional, and sexual abuse will be covered. The development of the concept of death among children will also be discussed.

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 3 tests and 2 assignments)
- Examination: 50% (1 x 3 hours written paper)
-

MODULE TITLE: CLINICAL SCIENCES I

CODE:	OTH3611
NQF level:	6
Notional hours:	160
Contact Hours:	4+3P hours per week for 16 weeks
NQF Credits:	16
Pre-requisite:	ATM3531, PLG3511, ATM3532 and PLG3512
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Content

This module focuses on systemic discussions of the sign and symptoms, diagnosis and management of the most common condition in neurology, internal medicine, geriatrics, pediatrics and community health. The place for psychiatry and psychology in neurosciences will be discussed including the neuroanatomy and physiology related to mental disorders and the classification and terminology defining it. This module is divided into units: UNIT 1: GENERAL PATHOLOGY looks at Neuropathology, Disease on a cellular level, Fluid and hemodynamic disease, Inflammation, Healing and repair, Disorders of immunity, Neoplasia, Nutritional disorders, Osteoarthritis and rheumatoid arthritis, Diabetes mellitus, Ophthalmology and Geriatrics. UNIT 2: PEADIATRICS looks at Development, Congenital conditions, Most common medical conditions in infants and young children and Most common medical conditions in older children. UNIT 3: OBSTETRICS AND GYNAECOLOGY looks at Anatomical, physiological and emotional changes during adolescence, pregnancy, labor and puerperium, Pathology of the female reproductive functions, pregnancy and labor, Medical management of pregnancy, labor, puerperium, menopause and gynecological disorders and "Women's health" management. UNIT 4: PRIMARY HEALTH CARE looks at Public healthcare service delivery in the Namibian context, Laws and policies with regards to job-specific work performance, Typical conditions seen in primary health care, Community based rehabilitation, Urban based rehabilitation, Primary health care strategy/model. UNIT 5: INTRODUCTION TO PSYCHIATRY looks at Mental Health Act and mental health policy, Symptoms, signs and behavior typically seen in persons with mental illness, Generic principles underpinning the practice of effective mental health treatment, The role of medication in the treatment of mental health conditions, Stigma and fighting stigma – attitudes toward person suffering from mental illness, Mental State Examination and prevalence's and management of Schizophrenic spectrum disorders, major depressive disorder, mood disorders and bipolar mood disorder, trauma and stress related disorders, anxiety disorders, eating disorder, substance use disorder, psychiatric condition seen in children and adolescents, Psycho-geriatrics, Personality disorders, intellectual disability, mental disorders due to general medical condition and Introduction to forensic psychiatry. UNIT 6: NEUROLOGY looks at Identifying and explaining disturbances of normal neurological function, Aetiology, pathology and clinical picture of lesions of different areas of the central and peripheral nervous system and Medical management, including course and prognosis, and applicable diagnostic procedures and precautions. UNIT 7: GENERAL MEDICINE looks at Cardiovascular and Respiratory conditions and care, Geriatrics, Nephrology, Gastroenterology, Hematology, Oncology and Infectious diseases.

Module Assessment

- Continuous assessment 50% - Min. of 3 block tests and 1 logbook for field visits
- Examination pass mark is 50% - 1 written paper (3 hours)

MODULE TITLE: CLINICAL SCIENCES II

CODE:	OTH3612		
NQF LEVEL:	6		
NOTIONAL HOURS:	160		
Contact Hours:	4+3P hours per week for 16 weeks		
NQF Credits:	16		
Pre-requisite:	ATM3531, PLG3511, ATM3532 and PLG3512		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Content

This module focuses on surgical management and will include the basic concepts and terminology as well as an insight in the management of a surgical patient during all phases of treatment. Units included are general surgery, orthopedics, neurosurgery, obstetrics and gynecology, ophthalmology, and plastics and reconstructive surgery.

Assessment Strategies

- Continuous assessment 50% - Min. of 3 block tests and 1 logbook for field visits
- Examination pass mark is 50% - 1 written paper (3 hours)

MODULE TITLE: PROFESSIONAL PRACTICE

CODE:	PTY3681		
NQF LEVEL:	6		
NOTIONAL HOURS:	120		
Contact Hours:	3 hours per week for 16 weeks		
NQF Credits:	12		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	1

Module Content

Medical Ethics and Philosophy: This module is designed to describe the basic principles of professional conduct, ethics and legal practice in health, with particular emphasis on social values, norms and culture of the Namibian society. A student will be able to professionally engage in his/her medical practice, observe professional conduct with regard to patients, their families and professional colleagues, evaluate ethical dilemmas and give professional evidence in a court of law. Topics covered include: basic principles of ethics and philosophy in health; social obligations, values and norms with the emphasis of the Namibian society regarding health; the patient-physiotherapist relationship; common ethical dilemmas: fundamental ethical guidelines, conflicts between beneficence and autonomy, patients who lack making-decision capacity, decision about life-sustaining interventions, conflicts of interest; basic principles of medico-legal practice, review of the health related Namibian legislative code.

Assessment Strategies

- Continuous assessment (50%): 2 x written tests, 2 assignments
- End of module examination (50%): 1 x 3 hours paper
-

MODULE TITLE: CLINICAL PHYSIOTHERAPY I

Code:	PTY3602		
NQF level:	6		
Notional hours:	80		
Contact Hours:	Total of 80 integrated hours		
NQF Credits:	8		
Pre-requisite:	ATM3531, PLG3511, ATM3532 and PLG3512		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Content

This introductory module will focus on both the macro level (Namibian context) and micro level (patient level). At the macro level the student will experience the structure and functioning of the Namibian Health Care System as well as the daily routine of a hospital ward. The student will gain limited knowledge of the medico legal aspects within which the physiotherapist practices. There is opportunity to conduct an interviews with patients, document findings and decide which body structures should be assessed.

Methods of Facilitation of Learning

Assessment Strategies:

- 100% Continuous Assessment consisting of logbook and portfolio

MODULE TITLE: LOCAL LANGUAGE FOR HEALTH SCIENCE COMMUNICATION

Code:	LCH3682
NQF level:	6
Notional hours:	40

Contact Hours:	1 hour per week for 16 weeks		
NQF Credits:	4		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	2

Module Content

This module develops a student's understanding regarding social norms and confessions in one other population group in Namibia; listening, verbal and non-verbal communication; medical terminology and construct of common symptoms in the relevant language.

Assessment Strategies

- 100% Continuous Assessment consisting of at least six interactive engagement of dialoging in class

YEAR 3

MODULE TITLE: CLINICAL PHYSIOTHERAPY II

Code:	PTY3780
NQF level:	7
Notional hours:	400
Contact hours:	Total of 400 integrated hours
NQF Credits:	40
Pre-requisite:	PTY3602 and PTY3680
Compulsory/Electives:	Compulsory
Semester offered:	1 and 2

Module Content

Clinical physiotherapy II is a progression from Clinical physiotherapy I. Clinical physiotherapy II involves the students interacting more with patients and implementing the medico legal and professional knowledge learned to practice. Students, under their lecturer/clinical supervisor, will consult, evaluate and demonstrate the use of specific basic techniques to identify simple/uncompounded pathologies and then must show competency in planning the treatment aimed at assisting patients' recovery within the context of the five pillars of health care. Work-based learning provides the opportunity for assessment and evaluation of all components of the students' training to this point and enables appropriate and necessary experience to be gathered.

Assessment Strategies:

- The Continuous Assessment (CA): 50% (clinical assessments and completed portfolio).
- OSCE examination and documentation: 50%

MODULE TITLE: APPLIED PHYSIOTHERAPY I

Code:	PTY3790
NQF level:	7
Notional hours:	400
Contact Hours:	Total of 400 integrated hours
NQF Credits:	40
Pre-requisite:	PTY3602 and PTY3680
Compulsory/Electives:	Compulsory
Semester offered:	Semester 1 and 2

Module Content

Adhesive capsulitis; Amputation; Ankle ligament injury; Ataxia; Bell's palsy; Burns; Cerebral palsy; Cerebrovascular accident; Cervical spondylosis; Cervicogenic headache; Chronic obstructive lung disease; Clubfoot; Colles fracture; Complex regional pain syndrome; Covid 19; Cystic fibrosis; DeQuervains tenosynovitis; Disc lesions; Down's Syndrome; Ergonomics; Fibromyalgia; Fractured femur; Gullain Barre syndrome; Hamstring injury; Laparotomy; Meniscus tear; Non-specific/chronic low back pain; Osteoarthritis; Parkinson's disease; Patellofemoral pain syndrome; Radial nerve palsy; Rheumatoid arthritis; Rotator cuff tear; Septic arthritis; Shoulder dislocation; Spina bifida; Spinal cord injury; Spinal surgery; Tennis elbow; Tetraplegia; Total knee and hip replacement; TMJ syndrome

Assessment strategies

- The Continuous Assessment (CA): 50% (tests and clinical/practical assessments).
- Written Examination: 50% (1 X 3 hour paper)

MODULE TITLE: RESEARCH METHODS

Code:	PTY3700
NQF level:	7
Notional hours:	160
Contact Hours:	2 per week for 32 weeks
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	Semester 1 and 2

Module Content

This module covers the following topics: Introduction to Quantitative research and Qualitative research, Literature Review, Identification, selection, analysis and formulation of the research problem; Identification and formulation of the research question; Hypotheses formulation. Formulate a problem statement and justification of the study, formulation of the study objectives.

Classification of study types: Descriptive studies, Exploratory Studies, Cross-sectional studies, Case report, case series, correlational studies. Analytical studies: Cohort studies, Case control studies, Comparative Cross sectional studies. Intervention studies: Clinical trials, Experimental studies, Quasi-experimental studies, fields interventional studies. The advantages and disadvantages of the different of studies design.

Sampling Methods: Non-probability sampling, Probabilistic or random sampling; sample size determination. Study population, Specification study variables, and types of variables.

The Data collection methods: Data collection techniques, development of data collection tools and/or questionnaires. Report writing and use of The Harvard referencing system.

Assessment Strategies

- 100% continuous assessment
 - 50% (minimum of 2 tests and 2 assignments)
 - 50% research proposal

MODULE TITLE: PHARMACOLOGY FOR PHYSIOTHERAPY

Code:	PTY3701
NQF level:	7
Notional hours:	80
Contact Hours:	2 per week for 16 weeks
NQF Credits:	8
Pre-requisite:	BCM3501, BCM3512, PTY3580 and PTY3680
Compulsory/Electives:	Compulsory
Semester offered:	Semester 1

Module Content

This module will cover the introduction to pharmacodynamics and pharmacokinetics of various pharmacological terminology and drugs in physiotherapy. The students will learn the autonomic nervous system; adrenergic and cholinergic systems. Central nervous system: Parkinsonism; anxiolytics and hypnotics; affective disorders and antidepressants; neuroleptics; epilepsy and anti-convulsants; opioid analgesics. Selected topics and drugs: Pain and inflammation (analgesics, steroids, local anaesthetics); muscle relaxants (orphenadrine etc.); respiratory disorders (bronchodilators, mucolytics); allergy and anaphylaxis; cardiovascular drugs; chemotherapy (antibiotics, antivirals, antifungals, anti-cancer drugs); gastrointestinal tract drugs; pharmacology affecting homeostasis and thrombosis; endocrine pharmacology; reproductive pharmacology; drug abuse; central stimulants/depressants; drug interaction.

Assessment Strategies

- The Continuous Assessment (CA): 50% (minimum of 2 tests and 2 assignments)
- Written Examination: 50% (1 X 3 hours' paper)

MODULE TITLE: PHYSIOTHERAPY PRACTICE

Code:	PTY3702
NQF level:	7
Notional hours:	80
Contact Hours:	2 per week for 16 weeks
NQF Credits:	8
Pre-requisite:	PTY3681
Compulsory/Electives:	Compulsory
Semester offered:	Semester 2

Module Content

Students will develop the knowledge of the physiotherapists role and skills within core areas of practice (cardio-respiratory, musculoskeletal and neurology) then integrate this with evidence-based practice in order to understand the management of patients presenting with complex and multi-factorial clinical conditions.

Students must have a sound understanding of current government legislation: public health act, health professions act, hospitals and health facilities acts, pharmacy act, mental health act and the implication of this on their practice in the context of multidisciplinary/interdisciplinary team working and holistic care in meeting the needs of individual clients.

Theories, concepts and principles of health systems management: organisation of healthcare delivery services, management of human resources, finance and assets, information and logistics management; health care financing.

Assessment Strategies:

- Continuous Assessment: 50% (minimum of 2 tests and 2 assignments)
- Examination: 50% (1 x 2-hour paper)

YEAR 4**MODULE TITLE: RESEARCH PROJECT**

Code:	PTY3810		
NQF level:	8		
Notional hours:	320		
Contact Hours:	4 hours per week		
NQF Credits:	32		
Pre-requisite:	None		
Compulsory/Electives:	Compulsory	Semester offered:	Semester 1 and 2

Module Content

Data collection and analysis: The student focuses on data collection during the first semester of the fourth year as a longitudinal module from primary or secondary sources in Windhoek /Khomas region. Depending on the proposal, the data can be from the clinics, hospital, City Council, Ministry of Health and Social Services or its institutions or from the community in a specified income cluster. The student will apply the skills of research methodology and epidemiology to clean and process the data using a suitable software package. At the end of the semester, the student will prepare a presentation detailing the results of the field work, summary tables and preliminary findings. Feedback from the student conference assists the student to review the analytical framework and finalise the written report. The conference presentation rating will constitute the continuous assessment for the semester.

Assessment strategies:

- 100% Continuous Assessment
 - First presentation 30%
 - Report 70%

MODULE TITLE: APPLIED PHYSIOTHERAPY II

Code:	PTY3830
NQF level:	8
Notional hours:	320
Contact Hours:	7 integrated hours per week for 32 weeks
NQF Credits:	32
Pre-requisite:	PTY3790
Compulsory/Electives:	Compulsory
Semester offered:	Semester 1 and 2

Module Content

Workshops and complex cases in the following areas: Generic to physiotherapy - Communication and interviewing (the value of appropriate communication with the patient; components of the Calgary Cambridge framework of interviewing; integration of biomedical perspective and the patient perspective, specific to a patient with an orthopedic condition); Electrotherapy and clinical application; Role of Physiotherapy in HIV/AIDS management. Cardiopulmonary, medical and surgical - The critically ill patient in the ICU; Physiotherapy management of a cardiac surgery patient; Physiotherapy management of a patient with tuberculosis and a lung abscess. Musculoskeletal and trauma - Traumatic orthopedics (the role of physiotherapy in the management of patients with fractures; causes of fractures; medical management of fractures; mobilisation regimes according or type of fixation of a fracture; scientific requirements for x-ray discussion; precautions and contra indications with fractures; adaptation of patient management according to different methods of fixation) Physiotherapy management of a lung cancer patient with thoracic surgery; Acute knee injury on the sport field (through the continuum of care); Differential diagnosis of the lower lumbar area; Multi-trauma (including pelvic fracture); Chronic pain; Physiotherapy management of an acute as well as chronic headache patient. Neurological - Cerebrovascular accident and amputation; Pediatric neurology evaluation (developmental delay; Pediatric neurology treatment (child with spasticity and the hypotonic child).

Assessment Strategies:

- Continuous Assessment: 50% (minimum of 2 tests and 4 assignments)
- Examination: 50% (1 x 3 hour paper)

MODULE TITLE: CLINICAL PHYSIOTHERAPY III

Code:	PTY3880
NQF level:	8
Notional hours:	640
Contact Hours:	Total of 640 integrated hours
NQF Credits:	64
Pre-requisite:	PTY3780
Compulsory/Electives:	Compulsory
Semester offered:	Semester 1 and 2

Module Content:

Role of a physiotherapy as an independent professional and as a member of a wider health team; clinical reasoning model; Application of the WHO International Classification of Functioning Framework; Examination of human movement; biopsychosocial approach to healthcare and evidence based practice; historical and contemporary professional issues; exercise science and therapy; physical activity and health; sports medicine and injury; management of complex medical problems: burns and plastic surgery; cardio-respiratory disease and critical care as well as rehabilitation; palliative care; neuro-rehabilitation and combined approach to spinal rehabilitation; physiotherapeutic management of women's health through the lifespan and child birth in particular; personal and professional development; managing own learning and reflective learning, use of online resources.

Assessment Strategies:

- Continuous Assessment 50%: at least 2 clinical examinations (at least one for evaluation and one for treatment); a logbook, and portfolio
- Clinical practical examination 50%: OSCE

A. DEPARTMENT OF PSYCHOLOGY AND SOCIAL WORK

A.2 Academic Departments

STRUCTURE AND PERSONNEL OF THE DEPARTMENT

(+264 61) 206 3801 (+264 61) 206 3806 Private Bag 13301, Windhoek, Namibia

HEAD OF DEPARTMENT: DR C.K. Hлатыwayo B SOC SC (HRM) (UFH) B SOC SCIE (HONS) (HRM) (UFH), M COM (INDUSTRIAL PSYCHOLOGY (UFH), PHD INDUSTRIAL PSYCHOLOGY (UFH)

ASSOCIATE PROFESSOR

PROF P. DHAKA, BSC (AU,INDIA), MSC (RAU,INDIA), PHD (MLSU,INDIA)

DR J. ANANIAS, MA SOCIAL WORK (UNAM), PHD SOCIAL WORK (NWU)

SENIOR LECTURERS

DR E. LEONARD, MA (DEV STUDIES) (ISS-HAGUE), MBA (MANCOSA); PHD

DR E SHINO, BA (USA), PGDE (UNAM), MA (CLIN PSY) (UPE), PHD PSYCHOLOGY (UFS)

DR M JANIK, BA (UP), HONS (UNAM), HED (UP), MA (CLIN PSY) (UNAM), PHD PSYCHOLOGY (UNAM)

DR R. FREEMAN, BA SOCIAL WORK (UNAM), MA (SOC) (UNISA); PHD (SOC), UNISA

DR S GENTZ, B.SOC SC (UCT), BA HONS (UCT), M SOC SC (CLIN PSYCH) (UKZN), PHD (UNIVERSIDAD COMPLUTENSE DE MADRID)

DR W PIETERS, BA HONS, MA (INDUSTRIAL / ORGANIZATIONAL PSYCHOLOGY) (UNAM), PHD (INDUSTRIAL / ORGANIZATIONAL PSYCHOLOGY) (UFS)

DR A MURANGI, BA (HONS) (INDUSTRIAL/ORGANIZATIONAL PSY) (UNAM), MCOM INDUSTRIAL PSYCHOLOGY (US)

DR C.K. Hлатыwayo B SOC SC (HRM) (UFH) B SOC SCIE (HONS) (HRM) (UFH), M COM (INDUSTRIAL PSYCHOLOGY (UFH), PHD INDUSTRIAL PSYCHOLOGY (UFH)

LECTURERS SOCIAL WORK:

DR J. NASHANDI, BA (SW) UNAM, MA (DEV STUDIES) (UWC); PHD CANDIDATE

DR NJ KAMWANYAH, BA (SW) (UNAM), MA (CONFLICT STUDIES) (BOSTON), MA (PUBLIC POLICY) (BOSTON), PHD (PUBLIC POLICY) (BOSTON)

MS N. CHILWALO, BA (SW) (UNAM); MA (DEV STUDIES) (UOFS)

MS. DZ AMUKWELELE, BA SOCIAL WORK (UNAM), MA SOCIAL WORK (STELLENBOSCH UNIVERSITY).

LECTURERS (CLINICAL PSYCHOLOGY)

DR AEE SHIKONGO, BA HONS (UNAM), MA (COUNS PSY) (DURBAN), PHD (MALAYSIA)

MS L HAIDULA, BA HONS (UNAM), HED (ONGWEDIVA), MA (CLIN PSYC) (UNAM)

LECTURERS (INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY)

MR FA BEUKES, BA HONS (UWC), MSC (INDUS PSY) (USA)

QUALIFICATIONS OFFERED BY THE DEPARTMENT

The Faculty may award the following degrees and diplomas:

UNDERGRADUATE PROGRAMMES

(Code)	Degree	Abbreviation	Minimum Duration
(29BPSY)	Bachelor of Psychology (Honours)* New Intake as of 2023	BPsych	3 years FT
(29BASW)	Bachelor of Arts in Social Work (Honours) New intake as of 2023	BA (Social Work) (Hons)	4 years FT
(13BART)	Bachelor of Arts Phased out in 2023, No New intake	BA	4 Years FT
(13BASW)	Bachelor of Arts in Social Work (Honours) Phased out in 2023, No New intake.	BA (Social Work) (Hons)	4 years FT
(13BPSY)	Bachelor of Psychology (Honours)* Phased out in 2023, No New intake	BPsych (Hons)	4 years FT

POSTGRADUATE PROGRAMMES

(Code)	Degree	Abbreviation	Minimum Duration
(13MPSY)	Master of Arts in Clinical Psychology	MA (Clinical Psychology)	2 years FT
(13MIPS)	Master of Arts in Industrial Psychology	MA(Industrial Psychology)	2 years FT
13MSOW	Master of Arts in Social Work	MA (Social Work)	2 years FT
(13DPSY)	Doctor of Philosophy in Psychology	PhD	4 years FT / 6years PT
13DRSW	Doctor of Philosophy in Social Work	PhD	4years FT/ 6 years PT

B.3 DIPLOMA PROGRAMMES

(Code)	Diploma	Abbreviation	Minimum Duration
(13DHIV)	Diploma in HIV/AIDS Management and Counselling Phased out in 2022- No new intake -	Dipl HIV/AIDS	2 years PM
(13DLES)	Diploma in Labour and Employment Studies Phased out in 2022- No new intake.	Dipl Labour & Employment	2 years PM

B.4 Certificate Programmes

(Code)	Certificate	Abbreviation	Minimum Duration
(13CHIV)	Certificate of HIV/AIDS Education and Counselling Phased out in 2022- No new intake	Cert HIV/AIDS	1 years PM

FT = full-time studies

PT = part-time studies (where applicable)

DI = distance studies

* First year students cannot register for the BPsych (Hons) programme: Students who intend to graduate with a BPsych (Hons) degree are required to initially register for a Honours Bachelor's degree programme that allows them to study *Psychology* at the first and second year levels (e.g. the BA (Hons) programme). During their second year of study in a Honours Bachelor's degree programme, students may apply for admission to the BPsych (Hons) programme from the third year level onwards. Places in the programme are limited and are awarded on the basis of academic merit and after successful completion of a selection process at the end of students' second year of study. Refer to section E6 in this yearbook.

BACHELOR OF ARTS IN PSYCHOLOGY 29BPSY (NEW INTAKE AS OF 2023)

INTRODUCTION

The purpose of the programme is to deliver comprehensive education in psychological knowledge, give special emphasis to a general basic psychological foundation, equip students with the knowledge to enable them to assess the psychological needs of individuals, groups, communities and organisations, and to provide appropriate psychological interventions or to refer these client systems to other professionals. The programme aims at developing students with the knowledge and skills that will help them to be critical, pro-active, and adaptive regarding the psychological needs of individuals and groups in different contexts in society. Some students utilize the bachelor's degree as the foundation for graduate degrees in psychology or other disciplines; others use its benefits to enter the workforce in areas involving substantial amounts of human interaction.

The rationale for the Bachelor of Arts in Psychology derives from the critical scarcity of psychology workers, counsellors and psychologists in Namibia, whilst psychological and emotional problems like different forms of psychopathology, substance abuse, suicide, learning problems, relationship difficulties, work-related problems and many more are soaring. Thus, the need for basic psychological knowledge competencies and skills will enable these graduates to enter organisations where they can effectively respond to the variety of psychological problems present, that need appropriate intervention. The development of this programme is in line with the social transformation goals of the Fifth National Development Plan of Namibia (NDP5), i.e. human capital development, social development, and the instituting and maintenance of capable and healthy human resources. This program is also developed in accordance with the vision and mission of the University of Namibia, i.e. to produce productive and competitive human resources capable of driving public and private institutions towards a knowledge-based economy, economic growth and improved quality of life. Through extensive stakeholder consultation, regional and international benchmarking of courses and research, this programme indeed will positively contribute towards Namibia's social, psychological and economic development and Vision 2030.

GRADUATE EMPLOYABILITY ATTRIBUTES (GENERIC AND DISCIPLINE-SPECIFIC COMPETENCIES)

Adequate understanding of the dynamics of human behavior at individual and organizational level

A good foundation in psychological knowledge and skills pertaining to the different fields of psychology

EXIT PROGRAMME OUTCOMES

Upon completion of the programme, holders of this qualification should be able to:

- i) Explain phenomena from a psychological perspective.
- ii) Discuss psychological strengths and problems in individuals, groups, organisations and communities and;
- iii) Assess the psychological needs of individuals, groups, communities and organisations, diagnose and manage problems and strengths, and find solutions to help individuals, groups, organizations and communities to function optimally.
- iv) Identify and discuss appropriate psychological interventions and design plans of action in cases where action is needed within the scope of knowledge of such persons.
- v) Display consideration for multicultural differences.
- vi) Identify and discuss factors underlying Human Behaviour
- vii) Explain the demands of the different fields in psychology, such as clinical and industrial psychology.

EVIDENCE OF STAKEHOLDER ENGAGEMENT

Stakeholders include current undergraduate students and graduates from the current BA program as well as employers who employ graduates from the program.

Findings from engagements with the above-mentioned stakeholders revealed the following:

- i) Graduates who graduate with a double major in Psychology (Clinical/Industrial) are struggling to secure employment. This program is a 3rd year program where Psychology (General psychology) is a major subject from 1st to 3rd year without any double majors.
- ii) There is a concern from graduates of misunderstandings with potential employers of what the Bachelor of Arts (current program) entails. It is better to have a program name that refer to the Psychology, to not only enhance understanding by potential employers but also to enhance employability. The Name of the program is now referred to as Bachelor of Arts in Psychology and not just Bachelor of Arts.
- iii) It is important to equip students with knowledge and understanding of both disciplines at undergraduate level, so that they are better equipped to make an informed decision on the specific field (Clinical/Industrial Psychology) in the Honours degree programs. This is addressed by introducing the Major A and Major B psychology courses where students can do a vast variety of psychology modules in both fields of psychology.
- iv) The three-year NQF level 7 Bachelor degree programme(s) is a relatively more feasible and practicable programme for tertiary education purposes in the field of Psychology and is comparable to other Universities in South Africa etc. This is benchmarked against the University of Stellenbosch, The University of Johannesburg, The University of the Free State, The University of Cape Town.
- v) There is a need to enhance the practical and application component of the modules being offered. This will enhance application from students and mastering of the skills and knowledge. The need for practical work exposure was emphasized by students and industry stakeholders respectively. Semester 0 courses will address this need.
- vi) The students indicated the desire to become employers and not only to become an employee within industry. Professional ethics, entrepreneurial and business skills (that could possibly be catered for in the Semester 0) could address this need.

ADMISSION REQUIREMENTS

Subject to Programme Specific Regulations, the normal basic requirements for entrance to undergraduate degree programmes shall be:

26.1 A total of at least 27 points on the UNAM Scale obtained in five different subjects as follows:

- 26.1.1 Two (2) subjects on NSSCAS level with an average [d] or higher grade/s
- 26.1.2 Three (3) subjects NSSCO level with a C or higher grade/s
- 26.1.3 English must be at a minimum C at NSSCO level

OR

26.2 A total of at least 27 points on the UNAM Scale obtained in five different subjects as follows:

- 26.2.1 Three (3) subjects on NSSCAS level with an average [d] or higher grade/s
- 26.2.2 Two (2) subjects NSSCO level with a D or higher grade/s
- 26.2.3 English must be at a minimum C at NSSCO level

OR

26.3 Admission can also be considered for persons who qualify through the Mature Age Entry Scheme upon successful completion of the relevant examinations as set out in the General Regulations (See Mature Age Entry Scheme in the General Information and Regulations Yearbook).

ADDITIONAL SELECTION CRITERIA

The students will apply as guided by the University/Faculty specific admission requirements.

ARTICULATION OPTIONS

This qualification may serve as an entry point to a relevant Master's degree program.

ASSESSMENT CRITERIA

Continuous assessment is weighted at 60%; the final examination has a 40% weighting.

Students with a minimum 40% as CA will get entry into the examination.

A minimum mark of 50% is required to pass a course in the program.

Notwithstanding the above, a subminimum of at least 40% will apply to the Exam Mark, unless otherwise stated in the individual module descriptor.

QUALITY ASSURANCE ARRANGEMENTS

Monitoring of student progress

Students are expected to have least 80% attendance of classes over the semester, punctual attendance, a deep learning focus, active class participation and engagement in class discussions is expected from all students. Furthermore, students are expected to establish learning circles, take notes in class, work on and improve their study skills, acquire all prescribed material, be clear about the assessment criteria, observe grading criteria and hand in assignments on time. Students are expected to uphold academic integrity at all times.

Tracer studies and employer feedback

Tracer studies and employer feedback will be carried out as per timeline set by the department, taking into consideration the year in which the first cohort of students from the program are expected to graduate

Internal and external moderation of examination papers and scripts

- i) Internal moderation of examination papers and scripts at 2nd year level
- ii) External moderation of examination papers and scripts at 1st and 3rd year level

Frequency of programme review, NQF registration and Programme accreditation

- i) To ensure that the programme remains relevant and up to date, it will be reviewed within the maximum period of five years in accordance with the NQA certification period.

Minimum requirements for re-admission into the School / Programme

Normal enrollment

To be re-admitted to the School of Allied Health Sciences, Department of Psychology and Social Work, a student must have successfully completed the following minimum number of credits as indicated below:

- i) 49 credits (of which 8 must be core) by the end of the first year of registration (30% of 122 credits)
- ii) 124 credits (of which 16 must be core), passed all first year Psychology modules by the end of the second year of registration (47.5% of 260 credits)
- iii) 287 credits (of which 24 must be core) by the end of the third year of registration (75% of 382 credits): Students must have passed all second-year modules and at least one third of third year modules
- iv) 382 credits by the end of the fourth year of registration (100% of 382 credits)

The programme must be completed after a maximum of 4 years of registration.

Extended enrollment

The following re-admission regulations will apply to students enrolled for the extended programme:

To be re-admitted to the School of Allied Health Sciences, Department Psychology and Social Work, a student must have successfully completed the following minimum number of credits as indicated below:

- i) 31 credits (of which 6 must be non-core) by the end of the first year of registration (25% of 122 credits)
- ii) 100 credits (of which 12 must be non-core) by the end of the second year of registration (40% of 260 credits): Student must have passed all first year modules.
- iii) 260 credits (of which 18 must be non-core) by the end of the third year of registration (100% of 260 credits). Students must have passed all second-year modules to advance to their academic third year.
- iv) 306 credits (of which 24 must be non-core) by the end of the fourth year of registration (80% of 382 credits): Students do not need to register for the Research module in their fourth year of registration
- v) 382 credits by the end of the fifth year of registration (100% of 382 credits): students must have passed all third-year modules in order to advance to their academic fourth year

The programme must be completed after a maximum of 5 years of registration.

ADVANCEMENT AND PROGRESSION RULES

A student must have passed the minimum number of credits and courses as indicated below to be admitted to courses on the appropriate (subsequent) year level:

Year 1 to Year 2: 65% of 122 credits (79 credits) of which 8 credits must be UNAM core modules.

Year 2 to Year 3: 90% of 260 credits (234 credits) of which 16 credits must be UNAM core modules.

A student who fulfilled the re-admission regulations, but could not advance to the next academic year must first register for all failed modules. Subject to pre-requisites, such a student may then add modules of the subsequent academic year, provided that the total number of registered credits does not exceed the prescribed number of credits of the current academic year by more than 20%.

REQUIREMENTS FOR QUALIFICATION AWARD

To be awarded a Bachelor of Arts in Psychology degree by the University, a student must have completed a total of 382 credits. The student must pass all modules in the programme.

Career Opportunities

Government departments and private organisations require these graduates for positions at varying levels. Career opportunities include: HIV/AIDS counsellors; Human resource practitioners; Training and development practitioners; Organisational development practitioners; Marketing consultants; Recruitment and selection officers; Researcher assistants; Motivational speakers; Coaching practitioners.

IMPLEMENTATION STRATEGY

The programme will be implemented in the beginning of the academic year 2023.

Students who failed courses in the previous programme will be allowed for readmission into such courses provided that such students do that in the specified number of years before program is phased out in 2027.

CURRICULUM FRAMEWORK: SUMMARY TABLE FOR ALL MODULES IN THE PROGRAMME

MODULE CODE	MODULE NAME	NQF LEVEL	CREDITS	CONTACT HOURS PER WEEK (L / P / T)	(CO-REQUISITES) / PRE-REQUISITES	COMPULSORY (C) / ELECTIVE (E)
Year 1 Semester 0						
U3583AL	Academic Literacy 1A	5	8	4L	None	C
U3583DD	Digital literacy	5	8	4L	None	C
U3520TH	Introduction to Critical Thinking	5	2	2L	None	C
A3580SP	Professional Growth	5	6	2L	None	C
U3403FS	Skills Portfolio	N/A	N/A	N/A	None	C
Total Credits Semester 0						24
Year 1 Semester 1						
A3511PI	Introduction to Psychology	5	12	4L	None	C
A3511PO	Organisational Psychology	5	13	4L+1.5 P	None	C
Select 2 modules from the list below equal to 24 credits						
H3511SF	Foundations of Sociology	5	12	4L	None	E

H3511PC	Critical Thinking and Argumentation	5	12	4L	None	E
H3511CC	Foundations of communication	5	12	4L	None	E
H3511YB	Afrikaans for Beginners A	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YI	Intermediate Afrikaans A	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YA	Afrikaans Reading Practice	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3511YC	Basic Mandarin Chinese 1	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YE	Introduction to Linguistics	5	12	4L	None	E
H3511YZ	Foundations of French	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YF	Language Studies in French	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3511YY	Introduction to German	5	12	4L	Subject-specific guidelines, cf. 34.4	E

H3511YG	Foundations of German Studies	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3511YX	Khoekhoegowab for Beginners A	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YL	Language and Culture	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3511YS	Namibian Sign Language Acquisition	5	12	2L,2P	Subject-specific guidelines, cf. 34.4	E
H3511YV	Oshiwambo for Beginners A	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YL	Language and Culture	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3511YL	Language and Culture	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3511YO	Foundations of Portuguese	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3511YP	Language Studies in Portuguese	5	12	4L	Subject-specific admission requirements, cf. 34.4	E

H3511YN	Foundations of Spanish	5	12	4L	Subject-specific guidelines, cf. 34.4	E
Total Credits Semester 1 (excluding UNAM core curriculum courses)						49
Year 1 Semester 2						
A3512PS	Social Psychology	5	12	4L	None	C
A3512PC	Career Psychology	5	13	4L+1.5 P	None	C
Select 2 modules from the list below equal to 24 credits						
H3512SB	Sociology of Namibian Society	5	12	4L	Co-req: Foundations of Sociology	E
H3512PA	Foundations of Philosophical Analysis	5	12	4L	Co-req: Introduction to critical thinking and argumentation	E
H3532YQ	Intra- and Interpersonal Communication	5	12	4L	None	E
H3532YB	Afrikaans for Beginners B	5	12	4L	H3511YB	E
H3532YI	Afrikaans Intermediate B	5	12	4L	H3511YI	E

H3532YA	Afrikaans Language Usage	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3532YC	Basic Mandarin Chinese 2	5	12	4L	H3511YC	E
H3532YE	Fundamentals of Literature in English	5	12	4L	None	E
H3532YZ	French for Beginners	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3532YF	French Language Usage	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3532YY	German for Beginners	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3532YG	German Language Patterns	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3532YX	Khoekhoegowab for Beginners B	5	12	4L	Subject-specific guidelines, cf. 34.4	E
H3512YK	Oral Literature of Khoekhoegowab	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3512YH	Oral Literature of Otjiherero	5	12	4L	Subject-specific admission requirements, cf. 34.4	E

H3532YO	Portuguese for Beginners	5	12	4L	H3511YO	E
H3532YP	Portuguese Language Usage	5	12	4L	Subject-specific admission requirements, cf. 34.4	E
H3532YN	Spanish for Beginners	5	12	4L	Subject-specific guidelines, cf. 34.4	E
Total Credits Semester 2 excluding UNAM core curriculum courses						49
Total credits YEAR 1 including UNAM core curriculum courses						122
Year 2 Semester 0						
U3683AL	Academic literacy 2	6	8	2L	Academic Literacy 1	C
U3420RT	Entrepreneurial Skills	6	2	2L	None	C
U3420PJ	Project Management Skills	6	2	2L	None	C
U3529LP	Leadership Skills	6	2	2L	None	C
U3420SE	Sustainability and Environment Awareness	6	2	1L	None	C
U3420CN	National and Global Citizenship	6	2	2L	None	C
A3680PP	Preparation for Community Engagement	6	6	1L	None	C

Total Credits Semester 0						24
Year 2 Semester 1						
A3631PD	Developmental Psychology of childhood and adolescence	6	14	4L	None	C
A3631PH	Health Psychology	6	15	4L+1.5 P	None	C
Select 2 modules from the list below equal to 28 credits						
H3631PM	Theories of Ethics and Moral Philosophy	6	14	4L	Co-req: Introduction to philosophical analysis	E
H3671SS	Social Problems and Social Research	6	14	4L	Co-req: Foundations of Sociology Basic sociology of Namibian Society	E
H3611YQ	Inter-cultural communication	6	14	4L	None	E
H3611YA	Afrikaans Linguistics	6	14	4L	H3511YA	E
H3611YC	Basic Mandarin Chinese 3-1	6	14	4L	H3532YC	E
H3611YE	English Morphology and Syntax	6	14	4L	None	E
H3611YZ	Basic Communication Skills in French	6	14	4L	H3511YZ or H3532YZ	E

H3611YF	Intermediate Language Usage	6	14	4L	H3511YF or H3532YF	E
H3611YY	Basic German Communication	6	14	4L	H3511YY or H3532YY	E
H3611YG	German Writing and Presentation	6	14	4L	H3511YG or H3532YG	E
H3611YK	Phonology and Morphology of Khoekhoegowab	6	14	4L	None	E
H3611YS	Namibian Sign Language Linguistics	6	14	2L, 2P	None	E
H3611YW	Poetry of Oshiwambo	6	14	4L	None	E
H3611YH	Poetry of Otjiherero	6	14	4L	None	E
H3611YO	Basic Communication Skills in Portuguese	6	14	4L	H3511YO or H3532YO	E
H3611YP	Intermediate Language Usage in Context	6	14	4L	H3511YP or H3532YP	E
H3611YN	Reading and Writing Skills in Spanish	6	14	4L	H3511YN or H3532YN	E
Total Credits Semester 1 (excluding UNAM core modules)						57

Year 2: Semester 2						
A3632PR	Research methodology and statistics	6	15	4 +1.5 P	None	C

A3632PP	Psychopathology	6	14	4	None	C
Select 2 modules from the list below equal to 28 credits						
H3612PP	African Philosophy	6	14	4	None	E
H3612ST	Classical sociological theory	6	14	4	Co-req: Social Problems: Learning to conceptualize and implement research	E
H3632YQ	Workplace and Public Communication	6	14	4	None	E
H3632YA	Afrikaans Narratives and Drama	6	14	4L	H3511YA	E
H3632YC	Basic Mandarin Chinese 3-2	6	14	4L	H3611YC	E
H3632YE	Selection of Drama and Prose in English	6	14	4L	None	E
H3632YZ	Intermediate Communication Skills in French	6	14	4L	H3511YZ or H3532YZ	E
H3632YF	Advanced Language Usage	6	14	4L	H3511YF or H3532YF	E
H3632YY	Intermediate German Communication	6	14	4L	H3511YY or H3532YY	E
H3632YG	German Literary Concepts	6	14	4L	H3511YG or H3532YG	E
H3632YK	Poetry of Khoekhoegowab	6	14	4L	None	E
H3632YS	Namibian Sign Language Communication	6	14	2L,2P	None	E

H3632YW	Phonology and Morphology of Oshiwambo	6	14	4L	None	E
H3632YH	Phonology and Morphology of Otjiherero	6	14	4L	None	E
H3632YO	Intermediate Communication Skills in Portuguese	6	14	4L	H3511YO or H3532YO	E
H3632YP	Advanced Language Usage in Context	6	14	4L	H3511YP or H3532YP	E
H3632YN	Basic Interaction and Communication in Spanish	6	14	4L	H3511YN or H3532YN	E
Total credits Year 2 Semester 2						57
Total credits YEAR 2 (including UNAM core modules)						138

Year 3 Semester 0						
W37001C	Community engagement	7	24	4L	A3581PP	C
Total Credits Semester 0						24
Year 3 Semester 1						
A3751PP	Positive Psychology	7	17	4L + 1.5 P	Pre-req: A3511PI, A3512PS	C
A3751PD	Developmental Psychology of Adulthood and old age	7	16	4L	Pre-req: A3511PI, A3512PS, A3631PD,	C

A3751PE	Personnel Psychology	7	16	4	Pre-req: A3511PI, A3512PS, A3511PO, A3512PC	C
Total credits for Semester 1:						49

Year 3: Semester 2						
A3752PC	Community Psychology	7	17	4L + 1.5 P	Pre-req: A3511PI, A3512PS	C
A3752PW	Psychology of Work and Labour Relations	7	16	4L	Pre-req: A3511PI, A3512PS, A3511PO, A3512PC	C
A3752PT	Therapeutic Psychology	7	16	4L	Pre-req: A3511PI, A3512PS,	C
Total credits Year 3 Semester 2						49
Total credits YEAR 3 (Including UNAM core modules)						122
TOTAL CREDITS FOR THE PROGRAMME						382

PART B: MODULE DESCRIPTORS

MODULE TITLE:	INTRODUCTION TO PSYCHOLOGY		
MODULE CODE	A3511PI		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours lectures per week for 12 weeks		
Additional learning requirements:	Group projects and Group presentations		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1

Module Content

The Evolution of Psychology, Research Methods in Psychology, Biology of Behaviour, Conditioning and Learning, Human Intelligence, Human Development, Personality, Abnormal Behaviour, Treatment of Abnormal Behavior

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	ORGANISATIONAL PSYCHOLOGY		
MODULE CODE	A3511PO		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours per week for 12 weeks		
Additional learning requirements:	Group works and group projects and Group presentations		
NQF Credits	12		
Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1

Course Content

The course content of Organisational Psychology will include the following topics:

Personality and values, perceptions and individual decision making, emotions and mood, work teams, leadership theories, communication, power and politics, organisational culture, organisational change, stress management.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	SOCIAL PSYCHOLOGY		
MODULE CODE	A3512PS		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours per week for 12 weeks		
Additional learning requirements:	Group works and group projects and Group presentations		
NQF Credits	12		
Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	2

Module Content

The course content of Social Psychology will include the following topics:

Social basis of behaviour in a multicultural society; the self in a social world; social beliefs and judgements; attitudes; attribution; types of social influence; group behaviour and influence; leadership and decision making; prejudice and discrimination; aggression; affiliation, attraction and love; pro-social behaviour.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	CAREER PSYCHOLOGY		
MODULE CODE	A3512PC		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours per week for 12 weeks		
Additional learning requirements	Group works and group projects Group presentations		
NQF Credits	12		
Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	2

Module Content

The course content of Career Psychology will include the following topics:

Meaning and significance of work; meaning of work in relation to other life roles/stages; career theories; topics related to career issues e.g. career counselling models; non-coping versus coping behaviours in careers; career decision process; career anchors; career patterns; work-family conflict; career plateauing; the effects of job loss on the individual.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	DEVELOPMENTAL PSYCHOLOGY OF CHILDHOOD AND ADOLESCENT		
MODULE CODE	A3631PD		
NQF LEVEL	6		
Notional Hours	160		
Contact hours	4 hours per week for 12 weeks		
Additional learning activities	Group work and group projects		
NQF Credits	14		
Co-requisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1

Module Content

The course content of Developmental Psychology of Childhood and Adolescence will include the following topics:

The life-span perspective; the science of life-span development; biological beginnings; prenatal development and birth; physical development in infancy; cognitive development in infancy; socio-emotional development in infancy; physical and cognitive development in early childhood; socio-emotional development in early childhood; physical and cognitive development in middle and late childhood; socio-emotional development in middle and late childhood; physical and cognitive development in adolescence; socio-emotional development in adolescence.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	HEALTH PSYCHOLOGY		
MODULE CODE	A3631PH		
NQF LEVEL	6		
Notional Hours	140		
Contact hours	4 hours per week for 12 weeks		
Additional learning activities	Group works and group projects And Group presentations.		
NQF Credits	14		
Co-requisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1

Course Content

The course content of Health Psychology will include the following topics:

Health psychology; health and illness beliefs; behaviour and outcome factors; socioeconomic influences; biopsychosocial model of health and illness; individual and cultural differences in health behaviours; theories of pain; chronic and life-threatening illnesses; stress; biopsychosocial interventions; health-risk behaviours; impact of illness on quality of life.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	RESEARCH METHODOLOGY AND STATISTICS		
MODULE CODE	A3632PR		
NQF LEVEL	6		
Notional Hours	160		
Contact hours	4 hours per week for 12 weeks		
Additional learning activities:	Group work and group projects Presentations		
NQF Credits	15		
Co-requisite	None		
Compulsory/Elective	Compulsory	Semester Offered	2

Course Content

The course content of Research Methodology and Statistics will include the following topics:

Importance of research methodology and statistics; descriptive and inferential statistics, terminology: population, sample, parameters, variables; scientific methods and research design, scales of measurement, graphs and frequency distributions, measures of central tendency, measures of variability/dispersion, transforming scores; inferential statistics, probability and hypothesis testing; correlations; analysis of variance and chi-square.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	PSYCHOPATHOLOGY		
MODULE CODE	A3632PP		
NQF LEVEL	6		
Notional Hours	160		
Contact hours	4 hours per week for 12 weeks		
Additional learning activities:	Group work and group projects		
NQF Credits	14		
Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	2

Course Content

The course content of Psychopathology will include the following topics:

Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	POSITIVE PSYCHOLOGY		
MODULE CODE	A3751PP		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	4 hours per week for 24 weeks		
Additional learning activities	Group work and group projects		
NQF Credits	17		
Prerequisite	A3511PI; A3512PS		
Compulsory/Elective	Compulsory	Semester Offered	1 & 2

Module Content

The course content of Positive Psychology will include the following topics:

Introduction to positive psychology and the historical development; definitions and measures of well-being; effects of positive emotions on physical and psychological health; resilience as a human strength in the face of adversity; a review of hedonic happiness; money, happiness and culture; personal goals and the impact of motivations on health and happiness; self-regulation and self-control as critical components to achieve personally significant goals; positive personal traits, personality traits and self-conceptions influencing well-being; virtues and strengths of character; positive psychology in organizations, positive psychology interventions.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to

Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	DEVELOPMENT PSYCHOLOGY OF ADULTHOOD AND OLD AGE		
MODULE CODE	A3751PD		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	4 hours per week for 12 weeks		
NQF Credits	16		
Prerequisite	A3511PI, A3512PS, A3631PD		
Compulsory/Elective	Compulsory	Semester Offered	1

Module Content

The module content of Developmental Psychology of Adulthood and Old Age will include the following topics:

Theories of human development from early adulthood through late adulthood/old age; aspects of human development i.e., physical/cognitive and social/personality development; marriage, divorce, employment, unemployment, retirement and death; contemporary issues that are, or may be relevant to adult development in general and to Namibian society in particular.

Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Developmental Psychology of Adulthood and Old Age examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	PERSONNEL PSYCHOLOGY		
MODULE CODE	A3751PE		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	2 hours per week for 12 weeks		
Additional learning activities:	Group work and group projects		
NQF Credits	16		
Prerequisite	A3511PI, A3512PS, A3511PO, A3512PC		
Compulsory/Elective	Compulsory	Semester Offered	1

Course Content

The course content of the module in Personnel Psychology will include the following topics:

Introduction to personnel psychology; research methods in personnel psychology; the employment context and human resources planning; job analysis; psychological assessment; recruitment and selection; psychology of personnel retention; reward and remuneration; performance evaluation; training and development.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	COMMUNITY PSYCHOLOGY		
MODULE CODE	A3751PC		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	2 hours per week for 24 weeks		
Additional learning activities	Group works and group projects		
NQF Credits	17		
Prerequisite	A3511PI, A3512PS		
Compulsory/Elective	Compulsory	Semester Offered	1&2

Course Content

The course content of Community Psychology will include the following topics:

Introduction to community psychology; international emergence and development of community psychology; history of 'community' and community psychology in Southern Africa; assumptions and values of community psychology; the mental health model; the social ecological model; intergenerational rites of passage; contextual issues (i.e. poverty; race and childhood health in Southern Africa; enablers of HIV pandemic in Southern Africa; vulnerable communities); learning in community psychology; indigenous knowledge and learning development; healing practices in communities; understanding community learning; teaching community psychology in Southern Africa; training psychology students and interns in non-urban areas; community based coping: an HIV/AIDS case study; ethics in community psychology; community project identification, design, implementation and evaluation; approaches for supporting innovation and engaging communities; and activating action.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	PSYCHOLOGY OF WORK AND LABOR RELATIONS		
MODULE CODE	A3752		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	4 hours per week for 12 weeks		
Additional learning activities	Group works and group projects		
NQF Credits	16		
Pre-requisite	A3511PI, A3512PS, A3511PO, A3512PC		
Compulsory/Elective	Compulsory	Semester Offered	2

Course Content

The course content of the module in Psychology of Work will include the following topics:

Fields of study and practice areas in industrial and organizational psychology; work motivation and emotional intelligence; work attitudes and values at work; pro-social behaviours, aggression and conflict; group behaviour and other social processes in organisations; psychological well-being; psychological disorders and work-adjustment problems.

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

MODULE TITLE:	THERAPEUTIC PSYCHOLOGY		
MODULE CODE	A3752 PT		
NQF LEVEL	7		
Notional Hours	160		
Contact hours	4 hours per week for 14 weeks		
Additional learning activities	Group work and group projects		
NQF Credits	18		
Prerequisite	A3511PI, A3512PS		
Compulsory/Elective	Compulsory	Semester Offered	2

Course Content

The course content of Therapeutic Psychology will include the following topics:

Basic issues in counselling practice (the counsellor: person and professional); ethical issues; theories and techniques of counselling (i.e. psychoanalytic therapy, existential therapy, person-centred therapy, behaviour therapy, cognitive behaviour therapy, reality therapy, postmodern approaches (e.g. narrative therapy).

Student Assessment Strategies

This module will be assessed with continuous assessment (minimum of two (2) assessments) that will contribute 60% to the final mark and one (1) examination (3 hour paper) that will contribute 40% to the final mark. In order for students to be able to write the Introduction to Psychology examination, they need to achieve a continuous assessment mark of at least 40%. Students pass the module if they achieved a minimum of at least 50% (combined continuous assessment and examination mark) and at least 40% for the examination paper.

SOCIOLOGY MODULES

MODULE TITLE:	H3511SF FOUNDATIONS OF SOCIOLOGY		
MODULE CODE	H3511SF		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3 hours /week x 12 weeks		
Additional learning requirements:	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1

Module Content

Themes covered: Sociological theory: what is sociology; what is social theory; sociological tradition; main paradigms; positivism and factionalism; symbolic interactionist; marxist; structuralism; post- structuralism including discourses theory; structuration , race, class, gender and ethnicity; social institutions: family; education and media; globalisation and self-identity; source of knowledge; criteria for

judging good research ; purpose of social, research goals, types social research, key concepts, research ethics, instruments: measurement, sampling, source of data, the research process, research proposal.

Student Assessment Strategies

Continuous assessment is weighted at 60% (minimum of 2 assessments); the final examination has a 40% weighting (1 x 3 hour paper) for full module up to the final 3rd year of study; and 1 x 2 hr paper for half modules. Students are assessed on their ability to understand theoretical information and their ability to apply theoretical information.

MODULE TITLE:	SOCIOLOGY OF NAMIBIAN SOCIETY		
MODULE CODE	H3512SB		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3 hours /week x 12 weeks		
Additional learning requirements	None		
NQF Credits	12		
(Co-requisites) Prerequisite	H3511SF		
Compulsory/Elective	Compulsory	Semester Offered	Second

Module Content

Understanding Namibia from sociological perspectives; Institutions: family education, media; social stratification and forms of stratification in Namibia; ethnic and national identity, sexual cultures in Namibia and HIV/AIDS; impact of the new mass media; poverty and deprivation; consumption, class and the new materialism in modern Namibia; religious culture and Namibian society. Social research; sources of knowledge; criteria for judging a good research; key concepts; research ethics

Student Assessment Strategies

At least 2 tests (1 hour duration each) and homework assignments, Quiz, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE TITLE:	SOCIAL PROBLEMS AND SOCIAL RESEARCH		
MODULE CODE	H3671SS		
NQF LEVEL	6		
Notional Hours	160		
Contact hours	4 hours per week per semester		
Additional learning requirements	: None		
NQF Credits	14		
(Co-requisites) Prerequisite	Co-Requisite H3511SF and H3512SB		
Compulsory/Elective	Compulsory	Semester Offered	First

Module Content

The content of this course includes the following: conceptualising social problems; poverty, crime, education, work and unemployment, violence, alcohol and substance abuse, health issues, environmental problems etc. It will further cover researching real-world problems, role of theory in research, developing a research proposal.

Student Assessment Strategies

At least 2 tests (1 hour duration each) and homework assignments, Quiz, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%. Students are assessed on their ability to understand theoretical information and their ability to apply theoretical information.

MODULE TITLE:	CLASSICAL SOCIOLOGICAL THEORY		
MODULE CODE	H3612ST		
NQF LEVEL	6		
Notional Hours	140 hours		
Contact hours	4 hours / week x 12 weeks		
Additional learning requirements	None		
NQF Credits	16		
(Co-requisites) Prerequisite	H3671SS (Social Problems: Learning to Conceptualize and Implement Research)		
Compulsory/Elective	Compulsory	Semester Offered	Two

Module Content

Introduction to classical sociological theories; Philosophical, historical and socio-economic changes that inform the development of sociology; Sociological theoretical approaches; structural-consensus theoretical approach; structural-conflict theoretical approach; interpretive theoretical perspective; Auguste Comte and Social Physics; Social statics and social dynamics; social evolution and the law of three stages; Ibn Khaldun and Africa's Origin of Sociology; the new science of human organization and society; Assabiya and social integration; theory of state formation; dualist typology of society: Karl Marx and inherent contradiction in capitalist society; society and production; capitalist society and social conflict; social class and social revolution; Emile Durkheim and Social Solidarity; social solidarity and social order; functionalism and social organisation; Max Weber, Modern and Rational Society; protestant ethics and the spirit of capitalism;

bureaucracy and social organization; Du Bois, Race and Social Analysis; colour line and social analysis; double consciousness, the veil and social/race identity.

Student Assessment Strategies

Continuous assessment is weighted at 60% (minimum of 2 assessments); the final examination has a 40% weighting (1 x 3 hour paper) for full module up to the final 3rd year of study; and 1 x 2 hr paper for half modules. Students are assessed on their ability to understand theoretical information and their ability to apply theoretical information.

MODULE DESCRIPTORS FOR PHILOSOPHY AND APPLIED ETHICS

FIRST YEAR

COURSE TITLE:	INTRODUCTION TO CRITICAL THINKING AND ARGUMENTATION		
COURSE CODE	H3511PC		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3 lectures per week for 14 weeks		
Additional learning requirements:	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	1

Module Content

Fundamental understanding of thinking in the contemporary globalized world: the etymology and definition of critical thinking; characteristics of a critical thinker; overcoming the barriers to critical thinking: the intellectual standards; elements of reasoning and the intellectual traits, validity and truth: induction and deduction; probability and cogency; syllogisms and hypothetical syllogisms; recognizing fallacies: formal and informal fallacies.

Student Assessment Strategies

Continuous assessment 60% (minimum 3 assessments) & Examination 40% (1 x 3-hour paper).

COURSE TITLE:	INTRODUCTION TO PHILOSOPHICAL ANALYSIS		
COURSE CODE	H3582PA		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours/ week for 14 weeks		
Additional learning requirements:	None		
NQF Credits	12		
Prerequisite	H3511PC: Introduction to Critical Thinking and Argumentation		
Compulsory/Elective	Compulsory	Semester Offered	2

Module Content

Critical understanding of the nature of philosophy; philosophical method and conceptual analysis; fields of philosophy; 'the big questions'; metaphysics; ontology; cosmology; theology; metaphysical approaches and concepts: monism, dualism, pluralism, materialism, realism; epistemology: truth; limits of human knowledge; conceptions of the world and their justifications; object and subject; sources of information: reason – ratio, experience-empirical; knowledge and language; knowledge and truth; theories of truth and their criticism; epistemological attitude: critical, dogmatic, rationalistic, empiricist; fields of morality; ethical theories; divine command theory, virtue ethics, hedonism, moral relativism, utilitarianism, deontology and care ethics.

Student Assessment Strategies

Continuous assessment 60% (minimum 3 assessments) & Examination 40% (1 x 3-hour paper)

COURSE TITLE:	THEORIES OF ETHICS AND MORAL PHILOSOPHY		
COURSE CODE	H3631PM		
NQF LEVEL	6		
Notional Hours	160		
Contact hours	4 hours/week for 14 weeks		
Additional learning requirements:	None		
NQF Credits	16		
Prerequisite	H3582PA: Introduction to Philosophical Analysis		
Compulsory/Elective	Compulsory	Semester Offered	1

Module Content

Provide fundamental distinctions between philosophical social and moral frameworks: distinction between moral theories and religious doctrines; everyday morality and moral judgment; main concepts in social and moral philosophy: values, rights, duties, the concepts of good/bad, justice, equality, moral principle, the idea of human nature: ancient social thoughts; cosmology, religion, and philosophy in human nature; ethics and religions in Africa; Eastern moral philosophy and ethics; the overview of European humanism; virtue ethics; utilitarian ethics and deontology.

Student Assessment Strategies

Continuous assessment 60% (minimum 3 assessments) & Examination 40% (1 x 3-hour paper)

COURSE TITLE:	AFRICAN PHILOSOPHY
COURSE CODE	H3612PP
NQF LEVEL	6
Notional Hours	160
Contact hours	4 hours/week for 14 weeks
Additional learning requirements:	None
NQF Credits	16
Prerequisite	None
Compulsory/Elective	Elective Semester Offered 2

Module Content

Debates on the existence of African philosophy: philosophical method and cultural influences; the African mind: location, identity, culture and intellectual heritage; the Eurocentric fixation of philosophy: renaissance and enlightenment vis-à-vis African mind; logo-centrism, emotivism, otherness and the issues of identity; negritude; postcolonial criticism of the Western approach to history and philosophy; African feminism; ethno-philosophy; philosophical sagacity; professional philosophy; national-ideology philosophy; culture and literature; African concepts: time, mind, person, individual, and community; religion and place of ancestors; philosophy politics and development.

Student Assessment Strategies

Continuous assessment 60% (minimum 3 assessments) & Examination 40% (1 x 3-hour paper)

MODULE DESCRIPTORS: HUMAN COMMUNICATION

MODULE TITLE:	FOUNDATIONS OF COMMUNICATION
MODULE CODE	H3511CC
NQF LEVEL	5
Notional Hours	120
Contact hours	4 hours per week for 12 weeks
Additional learning requirements	Group work
NQF Credits	12
(Co-requisites) Prerequisite	None
Compulsory/Elective	Elective Semester Offered 1

Module Content

This course will examine elements, aspects and context of effective communication. The course will also focus on the process and features of communication; models of communication; historical foundations of communication; sources of communication studies; ethical systems of communication; culture and communication; verbal and nonverbal communication; listening and responding; as well as communication types and contexts.

Student Assessment Strategies

Continuous Assessment 60% (consisting of group work, term paper and written test), Examination 40% (1x3 hour paper). Minimum final mark required to pass: 50%

MODULE TITLE:	INTERCULTURAL COMMUNICATION
MODULE CODE	H3611YQ
NQF LEVEL	5
Notional Hours	120
Contact hours	4 lectures per week for 12 weeks
Additional learning requirements:	None
NQF Credits	12
(Co-requisites) Prerequisite:	None
Compulsory/Elective	Elective Semester Offered 2

Module Content

This module will focus on various concepts of cultural differences; application in multilingual contexts; application in multicultural Namibian society; concepts of intercultural communication; application in the multilingual and multicultural Namibian society; familiarisation with intercultural communication strategies.

Student Assessment Strategies

100% Continuous assessment in the form of at least 5 of the assessment tasks specified. Tests, assignments, presentations, portfolio. Minimum final mark required to pass: 50%

MODULE TITLE:	INTRA- AND INTERPERSONAL COMMUNICATION
MODULE CODE	H3532YQ
NQF LEVEL	14
Notional Hours	140

Contact hours	4 hours per week for 12 weeks
Additional learning requirements	: None
NQF Credits	12
(Co-requisites) Prerequisite	None
Compulsory/Elective	Elective Semester Offered 1

Module Content

This course will examine elements, aspects and context of effective intra-, interpersonal communication. The course will also focus on knowing the self, steering clear of misperceptions, using language to enhance communication, the nature of communication in various types of relationships, possibilities of improving interpersonal communication.

Student Assessment Strategies

Continuous Assessment 100% (consisting of group work, presentations, assignments and written tests. Minimum final mark required to pass: 50%

PART B: MODULE DESCRIPTOR:

MODULE TITLE:	WORKPLACE AND PUBLIC COMMUNICATION
MODULE CODE	H3632YQ
NQF LEVEL	6
Notional Hours	140
Contact hours	4 lectures per week for 12 weeks
Additional learning requirements	None
NQF Credits	14
(Co-requisites) Prerequisite	None
Compulsory/Elective	Elective Semester Offered 2

Module Content

This module will focus on various aspects of workplace communication: application for a job; understanding group structure and communication; ethical communication; personally responsible communication; socially responsible communication; effective organizational communication.

Student Assessment Strategies

100% Continuous assessment in the form of at least 5 of the assessment tasks specified. Tests, assignments, presentations, portfolio. Minimum final mark required to pass: 50%

MODULE DESCRIPTORS: AFRIKAANS

MODULE TITLE:	AFRIKAANS FOR BEGINNERS A
MODULE CODE	H3511YB
NQF LEVEL	5
Notional Hours	120
Contact hours	4 hours per week for 12 weeks
Additional learning requirements	: None
NQF Credits	12
(Co-requisites) Prerequisite	See subject-specific admission requirements
Compulsory/Elective	Elective Semester Offered 1

Module Content

This module represents a first exposure to Afrikaans as a language and culture: acquire the most basic communications skills of various linguistic and cultural situations and acquire the skills which will enable them to react appropriately in these situations.

Discovery: identify a language; to present oneself; spell your name; the alphabet; to say what language you speak; get acquainted; say nationality; identify a number; count; communicate in class.

You and the others: assess, introduce yourself; ask for information; to question about the identity; understand - give directions; provide personal information; talk about hobbies and dreams.

Namibia: talk about Namibia's flag and symbolism; talk about typical attributes of Namibians; call on the phone; give advice; review past facts; physically describe holidays.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%

MODULE TITLE:	AFRIKAANS FOR BEGINNERS B
MODULE CODE	H3532YB
NQF LEVEL	5
Notional Hours	120
Contact hours	4 hours per week for 12 weeks

Additional learning requirements	None	
NQF Credits	12	
(Co-requisites) Prerequisite	H3511YB	
Compulsory/Elective	Elective	Semester Offered 2

Module Content

In this module, students continue to acquire the language and cultural skills necessary to meet basic needs in an Afrikaans speaking community, e.g. shopping, ask for assistance, and give basic personal information. Communication with other speakers of the language remains difficult but can be achieved if the interlocutor is patient and ready to help. During the teaching, special emphasis is placed on pronunciation and articulation. In addition, students expand their vocabulary and learn to perform very basic written tasks.

Here and elsewhere: talk about your neighbourhood, your hometown; request-give an explanation; inquire about accommodation; indicate an itinerary; write an e-mail, letter, greeting card; indicate the origin and destination; Namibia.

Tell me who you are: talk about your preferences, activities, studies; talk about yourself, your family, characterize a person; giving/accepting/declining an invitation.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%

MODULE TITLE:	INTERMEDIATE AFRIKAANS A	
MODULE CODE	H3511YI	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours per week for 12 weeks	
Additional learning requirements	None	
NQF Credits	12	
(Co-requisites) Prerequisite	See subject-specific admission requirements	
Compulsory/Elective	Elective	Semester Offered 1

Module Content

In this module, students improve their oral and written communication skills in Afrikaans: Students are introduced to more complex aspects of conversation and writing skills.

Tell me who you are: talk about your preferences, activities, studies; talk about yourself, your family, characterize a person.

Over the hours: indicate the time and hours; talk about habits; give, accept or decline invitations; talk about daily activity; talk about past and future events.

Namibia: talk about Namibia's flag and symbolism; talk about typical attributes of Namibians; call on the phone; give advice; review past facts; physically describe holidays.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%

MODULE TITLE:	INTERMEDIATE AFRIKAANS B	
MODULE CODE	H3532YI	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours per week for 12 weeks	
Additional learning requirements:	None	
NQF Credits	12	
(Co-requisites) Prerequisite	H3511YI	
Compulsory/Elective	Elective	Semester Offered 2

Module Content

In this module, students improve their Afrikaans communication skills. This course focuses on the basic interaction required in the work environment. This includes oral and written skills. Students are introduced to more complex aspects of conversation and writing skills.

Tell me who you are: talk about your preferences, activities, studies; talk about yourself, the meaning of your name, your family, your nationality, your country.

Through the seasons: talk about the climate; locate a place; characterize a place; talk about outdoor activities; understand a program; write a vacation letter.

A matter of taste: indicate your food tastes; understand-compose a menu; talk about your food consumption; describe an outfit; give clothing advice, buying and selling.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%

MODULE TITLE:	AFRIKAANS READING PRACTICE	
MODULE CODE	H3511YA	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours per week for one semester	
Additional learning requirements	: None	
NQF Credits	12	
(Co-requisites) Prerequisite:	See subject-specific admission requirements	
Compulsory/Elective	Elective	Semester Offered 1

Module Content

Reading activities: prose and short stories; newspaper articles (hard copies as well as digital versions); information on topics of their choice found on the internet; reviews on short stories.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%

MODULE DESCRIPTORS: CHINESE

MODULE TITLE:	BASIC MANDARIN CHINESE 1	
MODULE CODE	H3511YC	
NQF Level	5	
Notional Hours	120	
Contact hours	4 hours lectures per week for 12 weeks	
Additional learning requirements	: None	
NQF Credits	12	
(Co-requisites) Prerequisite	None	
Compulsory/Elective	Elective	Semester Offered 1

Module Content

This module represents a first exposure to Chinese as a language and culture. They will learn the Chinese Pinyin system and look up Chinese characters with the help of a dictionary. Learn the basic words and expressions in daily life.

Discovery; phonetics; Pinyin; basic words; classroom instruction; 200 Chinese characters.

You and the others; simple greetings; introducing people; salutation; basic personal information; shopping; basic numbers; simple requests from others; ask for direction; and express gratitude and regret; bargain in China and to describe your likes, interests, and hobbies; describe health problems to a doctor; make a complaint or an apology.

Student Assessment Strategies

Two written examinations (mid-semester examination 1 hour duration plus final examination 2 hours duration) and homework assignments, class participation, group work and individual presentations.

Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%.

MODULE TITLE:	BASIC MANDARIN CHINESE 2	
MODULE CODE	H3532YC	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours lectures per week for 12 weeks	
Additional learning requirements:	None	
NQF Credits	12	
(Co-requisites) Prerequisite	LCB 3511	
Compulsory/Elective	Elective	Semester Offered 2

Module Content

This module continues to make students learn the Hanyu Pinyin system and complete the Hanyu Pinyin spelling independently. Learn words and sentences commonly used in personal and daily life.

Discovery; Pinyin system; basic words; grammatical structures and sentence patterns; 400 Chinese characters.

You and the others; making plans; talking about the weather; asking, requesting; expressing opinions and attitudes; write the most basic personal information and the simplest everyday language, such as: time, date, numbers; make comparisons between things; emphasize the time and location of past events; discuss plans; make suggestions; talk about changing circumstances and actions in progress; give an account of an incident.

Student Assessment Strategies

Two written examinations (mid-semester examination 1 hour duration plus final examination 2 hours duration) and homework assignments, class participation, group work and individual presentations.

Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%.

MODULE TITLE:	INTRODUCTION TO LINGUISTICS		
MODULE CODE	H3511YE		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3 hours per week for 12 weeks		
Additional learning requirements	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Elective	Semester Offered	1

Module Content

Definition and properties of language: defining language; language form and language function; displacement; arbitrariness; productivity; cultural transmission; discreteness; and duality

Linguistics and applied linguistics: defining linguistics; defining applied linguistics; importance of linguistics

Different linguists and their contributions towards the development of linguistics: Ferdinand de Saussure (semiotics and language structure); Noam Chomsky (linguistic competence and linguistic performance); and Dell Hymes (communicative competence)

Phonetics and phonology: International Phonetic Alphabet (IPA); sound production; place and manner of articulation

Syntax and semantics: semantic relations (e.g. synonyms, collocations); maxims of conversation; and various speech acts

Student assessment

- Continuous assessment 60% (minimum 2 assignments and 1 test)
- Examination 40% (Internally moderated) (1 x 2 hour paper)
- Minimum mark of 50% should be obtained in order to pass the module

MODULE TITLE:	FUNDAMENTALS OF LITERATURE IN ENGLISH		
MODULE CODE	H3512YE		
NQF LEVEL	Level: 5		
Notional Hours	120		
Contact hours	3 hours per week for 12 weeks		
Additional learning requirements:	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Elective	Semester Offered	2

Module Content

Definition of literature and descriptions of literary terms: fiction literature; and non-fiction literature; metaphor; simile; imagery; symbolism; personification; hyperbole; irony; juxtaposition; etc.

Elements of stories: plot; setting; characters and characterization; tone; etc.

Elements of drama/plays: role; character and relationships; situation; voice; movement; space and time; language and texts; symbol and metaphor; mood and atmosphere; focus; audience and dramatic; tension.

Introduction to poetry: characteristics of poems – choice of meter, rhyme, punctuation and format, sound and tone, and rhythm (timing).

Other forms of literature: e.g. biography; creative writing styles.

Student assessment

- Continuous assessment 60% (minimum 2 assignments and 1 test)
- Examination 40% (Internally moderated) (1 x 2 hour paper)
- Minimum mark of 50% should be obtained in order to pass the module

MODULE DESCRIPTORS: FRENCH

MODULE TITLE:	FOUNDATIONS OF FRENCH		
MODULE CODE	H3511YZ		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours per week for 12 weeks		
Additional learning requirements	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Elective	Semester Offered	1

Module Content

Discovery: identify a language; to present oneself; spell your name; the alphabet; to say what language you speak; get acquainted; say nationality; identify a number; count; communicate in class.

You and the others: assess, introduce yourself; ask for information; to question about the identity; understand - tell directions; give personal information; talk about your passions and dreams.

Student Assessment Strategies

At least three tests (1 hour duration each) and homework assignments, online activities, semi-guided research, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE TITLE:	LANGUAGE STUDIES IN FRENCH		
MODULE CODE	H3532YF		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4hours per week for 12 weeks		
Additional learning requirements	: None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Elective	Semester Offered	1

Module Content

Alternatives: evoking a change of life; understand a biography; bring a conversation; imagine a different past; express a regret.
Education: incite to act; take a position, express an opinion; tell the stages of an event; express opinions and feelings.

Student Assessment Strategies

At least three tests (1 hour duration each) and homework assignments, online activities, semi-guided research, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE TITLE:	FRENCH FOR BEGINNERS		
MODULE CODE	H3532YY		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4hours per week for 12 weeks		
Additional learning requirements	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Elective	Semester Offered	2

Module Content

Here, elsewhere: talk about your neighborhood, your city; request-give an explanation; inquire about accommodation; indicate an itinerary; write a postcard; indicate the origin and destination; Paris.
Tell me who you are: talk about your tastes, activities, profession; talk about yourself, characterize a person; propose a going out; invite.

Student Assessment Strategies

At least three tests (1 hour duration each) and homework assignments, online activities, semi-guided research, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE DESCRIPTORS: GERMAN

MODULE TITLE:	INTRODUCTION TO GERMAN		
MODULE CODE	H3511YY		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3 hours lectures per week /1hour online activity or tutorial per week for 12 weeks		
Additional learning requirements :	None		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Elective	Semester Offered	1

Module Content

German language: Basic communication skills in German; language structure; vocabulary; speaking
German culture: Insights into German cultural skills to react in an appropriate way; meet basic needs to cope in a German speaking countries; basic aspects of German speaking countries

Student Assessment Strategies

Assessment will take place primarily by means of tests, homework assignments, online activities, semi-guided research, group and individual presentations.

Continuous assessment 60 % Examination 40%

Internal moderation of module content and examination papers.

MODULE TITLE:	FOUNDATIONS OF GERMAN STUDIES		
MODULE CODE	H3511YG		
NQF LEVEL	5		
Notional Hours	120		
Contact Hours	3 hours lectures plus 1 tutorial per week for 12 weeks		
Additional learning requirements:	None		

NQF Credits 12
(Co-requisite) Prerequisite: See Faculty Requirements
Compulsory/Elective Elective **Semester Offered** 1

Module Content

Comprehensive exposure to Germany and German speaking countries: Geographical outlines; population; work situation
 Comprehensive exposure to the cultures: Political structures; music; well-known German figures; current issues. Academic work: German research; PowerPoint presentations

Student Assessment Strategies

Continuous assessment 100% (minimum 5 assessment opportunities in the form of tests, assignments or presentations to be determined by the lecturer).
 Minimum final mark required to pass: 50%
 Internal moderation of module content and examination papers.

MODULE TITLE: GERMAN FOR BEGINNERS
MODULE CODE H3532YY
NQF LEVEL 5
Notional Hours 120
Contact hours 3 hours lectures per week /1hour online activity or tutorial per week for 12 weeks
Additional learning requirements : None
NQF Credits 12
(Co-requisites) Prerequisite: See admission requirements
Compulsory/Elective Elective **Semester Offered** 2

Module Content

Language skills: Pronunciation and articulation; expand vocabulary; written tasks
 Cultural skills: Deeper insights into communication skills in German speaking cultures

Student Assessment Strategies

Assessment will take place primarily by means of tests, homework assignments, online activities, semi-guided research, group and individual presentations.
 Continuous assessment 60 % Examination 40%
 Internal moderation of module content and examination papers.

MODULE DESCRIPTORS: KHOEKHOEGOWAB

MODULE TITLE: KHOEKHOEGOWAB FOR BEGINNERS A
MODULE CODE H3511YX
NQF LEVEL 5
Notional Hours 120
Contact hours 4 hours lectures per week for 12 weeks
Additional learning requirements :None
NQF Credits 12
(Co-requisites) Prerequisite See subject-specific admission requirements
Compulsory/Elective Elective **Semester Offered** 1

Module Content

This module represents a first exposure to Khoekhoegowab as a language and culture: acquire the most basic communications skills of various linguistic and cultural situations and acquire the skills which will enable them to react appropriately in these situations.
Discovery: identify a language; to present oneself; spell your name; the alphabet; to say what language you speak; get acquainted; say nationality; identify a number; count; communicate in class.
You and the others: assess, introduce yourself; ask for information; to question about the identity; understand - give directions; provide personal information; talk about hobbies and dreams.
Namibia: talk about Namibia's flag and symbolism; talk about typical attributes of Namibians; call on the phone; give advice; review past facts; physically describe holidays.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.
 Minimum final mark required to pass: 50%

MODULE TITLE: KHOEKHOEGOWAB FOR BEGINNERS B
MODULE CODE H3532YX
NQF LEVEL 5
Notional Hours 120
Contact hours 4 hours lectures per week for 12 weeks
Additional learning requirements: None
NQF Credits 12

(Co-requisites) Prerequisite
Compulsory/Elective Elective **Semester Offered** 2

Module Content

In this module, students continue to acquire the language and cultural skills necessary to meet basic needs in a Khoekhoegowab speaking community, e.g. shopping, ask for assistance, and give basic personal information. Communication with other speakers of the language remains difficult but can be achieved if the interlocutor is patient and ready to help. During the teaching, special emphasis is placed on pronunciation and articulation. In addition, students expand their vocabulary and learn to perform very basic written tasks.

Here and elsewhere: talk about your neighborhood, your home town; request-give an explanation; inquire about accommodation; indicate an itinerary; write an e-mail, letter, greeting card; indicate the origin and destination; Namibia.

Tell me who you are: talk about your preferences, activities, studies; talk about yourself, your family, characterize a person; giving/accepting/declining an invitation.

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination.

Minimum final mark required to pass: 50%

MODULE TITLE: ORAL LITERATURE OF KHOEKHOEGOWAB
MODULE CODE: H3532YK
NQF LEVEL: 5
Notional Hours: 120
Contact hours: 4 lectures per week for one semester
Additional learning requirements: None
NQF Credits: 12
(Co-requisites) Prerequisite: See subject-specific admission requirements
Compulsory/Elective: Elective **Semester Offered** 2

Module Content

Oral nature of Khoekhoegowab oral literature and its significance and function as an art

With regard to form; content and performance; folktales, praises, songs, riddles and proverbs.

Characterization: characters, their portrayals and significance, e.g. the trickster, ogres, mythological beings, animals and human beings, supernatural beings (spirits).

Student Assessment Strategies

Assessment = 100% continuous assessment. A continuous assessment mark will be composed of both formative and summative assessments, such as quizzes, class tests, presentations, online tests, essays, projects, group works/discussions etc. At least four assessment tasks will be the minimum requirement for 100% continuous assessment. A student may obtain a minimum of 50% to pass this module.

MODULE DESCRIPTORS: NAMIBIAN SIGN LANGUAGE

MODULE TITLE: NAMIBIAN SIGN LANGUAGE ACQUISITION
MODULE CODE: H3511YS
NQF LEVEL: 5
Notional Hours: 120
Contact hours: 2 hours online lectures per week / 2 hours face to face practical activity for 12 weeks
Additional learning requirements: Production of video recorded material and internet links.
NQF Credits: 12
(Co-requisites) Prerequisite: None
Compulsory/Elective: Elective **Semester Offered** 1

Module Content

Comprehend and maintain a sensible conversation in NSL; Sign about surroundings, family, studies, and different activities; Identify basic NSL grammatical features; Identify Deaf cultural characteristics

Student Assessment Strategies

Assessment will take place primarily by means of tests, homework assignments, online activities, semi-guided research, group and individual presentations.

Continuous assessment 100% (min 4 assessment opportunities to be determined by the lecture)

Internal moderation of module content and examination assessment activities.

MODULE TITLE: NAMIBIAN SIGN LANGUAGE FOR BEGINNERS
MODULE CODE: XXX 3512
NQF LEVEL: 5
Notional Hours: 120
Contact hours: 2 hours online lectures per week / 2 hours face to face practical activity for 12 weeks
Additional learning requirements: Production of video recorded material and internet links.
NQF Credits: 12
(Co-requisites) Prerequisite: None
Compulsory/Elective: Elective **Semester Offered** 2

Module Content

Comprehend and maintain a NSL conversation with a variety of NSL users; Analyse sign conversations; Interact comfortably with Deaf Community and Deaf organisations; Record signed monologue

Student Assessment Strategies

Assessment will take place primarily by means of tests, homework assignments, online activities, semi-guided research, group and individual presentations.

Continuous assessment 100% (min 4 assessment opportunities to be determined by the lecture)

Internal moderation of module content and examination assessment activities.

MODULE TITLE:	LANGUAGE AND CULTURE	
MODULE CODE	H3511YL	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours lectures per week for 12 weeks	
Additional learning requirements:	None	
NQF Credits	12	
(Co-requisites) Prerequisite:	See subject-specific admission requirements	
Compulsory/Elective	Elective	Semester Offered 1

Module Content

Major language families of Africa: how Namibian languages relate to them; the roles that are assigned to the Namibian languages.

Language and Culture Issues: Identity, self-perception and the inseparability of language and culture.

Particular domains of languages and cultures: discussed and contrasted naming practises, kinship systems, figurative language, etiquette etc. Languages in Namibian Education: Media of instruction; official language; national languages

Student Assessment Strategies

Assessment = 100% continuous assessment. A continuous assessment mark will be composed of both formative and summative assessments, such as quizzes, class tests, presentations, online tests, essays, projects, group works/discussions etc. At least four assessment tasks will be the minimum requirement for 100% continuous assessment. A student may obtain a minimum of 50% to pass this module.

MODULE TITLE:	ORAL LITERATURE OF OSHIWAMBO	
MODULE CODE	H3512YW	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours lectures per week for 12 weeks	
Additional learning requirements	None	
NQF Credits	12	
(Co-requisites) Prerequisite	See subject-specific admission requirements	
Compulsory/Elective	Elective	Semester Offered 2

Module Content

Oral nature of Oshiwambo oral literature and its significance and function as an art

With regard to form; content and performance; folktales, praises, songs, riddles and proverbs. Characterization: characters, their portrayals and significance, e.g. the trickster, ogres, mythological beings, animals and human beings, supernatural beings (spirits).

Student Assessment Strategies

Assessment = 100% continuous assessment. A continuous assessment mark will be composed of both formative and summative assessments, such as quizzes, class tests, presentations, online tests, essays, projects, group works/discussions etc. At least four assessment tasks will be the minimum requirement for 100% continuous assessment. A student may obtain a minimum of 50% to pass this module.

MODULE TITLE:	OSHIWAMBO FOR BEGINNERS A	
MODULE CODE	H3511YV	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours lectures per week for 12 weeks	
Additional learning requirements	: None	
NQF Credits	12	
(Co-requisites) Prerequisite:	See subject-specific requirements	
Compulsory/Elective	Elective	Semester Offered 1

Module Content

Language and cultural skills: basic forms of greetings, some kinship terms, words of respect, introductions, basic counting, time telling, and cultural information.

Written tasks: isolated phrases and sentences, basic personal details

Student Assessment Strategies

Continuous Assessment (60%): At least three assessments in the form of tests and homework assignments to be determined by the lecturer. Examination (40%) (Oral and written). Assessment mark will be composed of both formative and summative assessments, such as quizzes, class tests, presentations, online tests, essays, projects, group works/discussions etc.

MODULE TITLE:	OSHIWAMBO FOR BEGINNERS B		
MODULE CODE	H3532YV		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	4 hours lectures per week for 12 weeks		
Additional learning requirements	None		
NQF Credits	12		
(Co-requisites) Prerequisite	See subject-specific requirements		
Compulsory/Elective	Elective	Semester Offered	2

Module Content

Language and culture skills: extended forms of greetings, giving basic personal information, asking and answering simple questions.

Written tasks: simple greeting cards, personal letters, simple messages, simple phrases and sentences

Student Assessment Strategies

Continuous Assessment (60%): At least three assessments in the form of tests and homework assignments to be determined by the lecturer. Examination (40%) (oral and written) Assessment mark will be composed of both formative and summative assessments, such as quizzes, class tests, presentations, online tests, essays, projects, group works/discussions etc.

MODULE DESCRIPTORS: OTJIHERERO

MODULE TITLE:	ORAL LITERATURE OF OTJIHERERO		
MODULE CODE	H3512YH		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3 hours per week for one semester		
Additional learning requirements	None		
NQF Credits	12		
(Co-requisites) Prerequisite	See subject-specific admission requirements		
Compulsory/Elective	Elective	Semester Offered	2

Module Content

Oral nature of Otjiherero oral literature and its significance and function as an art with regard to form; content and performance; folktales, praises, songs, riddles and proverbs. Characterization: characters, their portrayals and significance, e.g. the trickster, ogres, mythological beings, animals and human beings, supernatural beings (spirits).

Student Assessment Strategies

Assessment will take place by means of (online) assignments, tests, class discussions and individual oral sessions and examination. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE DESCRIPTORS: PORTUGUESE

MODULE TITLE:	FOUNDATIONS OF PORTUGUESE		
MODULE CODE	H3511YO		
NQF LEVEL	5		
Notional Hours	120		
Contact hours	3hours lectures per week /1hour online activity or tutorial per week for 12 weeks		
Additional learning requirements:	None		
NQF Credits	12		
(Co-requisites) Prerequisite:	None		
Compulsory/Elective	Elective	Semester Offered	1

Module Content

Discovery: identify a language; to present oneself; spell your name; the alphabet; to say what language you speak; get acquainted; identify and say nationalities; identify a number; count; communicate in class.

Me and the others: assess, introduce myself; ask for information; to question about the identity; understand – give directions; give personal information; talk about my passions and dreams.

Student Assessment Strategies

Continuous assessment 60% (minimum 3 assessment opportunities in the form of tests, assignments, or presentations to be determined by the lecturer). Examination 40% (1 x 2hour examination paper). Minimum final mark required to pass: 50%

MODULE TITLE:	PORTUGUESE FOR BEGINNERS
MODULE CODE	H3532YO
NQF LEVEL	5
Notional Hours	120
Contact hours	3hours lectures per week /1hour online activity or tutorial per week for 12 weeks
Additional learning requirements	: None
NQF Credits	12
(Co-requisites) Prerequisite	LPB 3511
Compulsory/Elective	Elective Semester Offered 2

Module Content

My Surroundings: talk about your neighbourhood, your city; request-give an explanation; inquire about accommodation; indicate an itinerary; write a postcard; indicate the origin and destination; Paris.

Tell me who you are: talk about your tastes, activities, profession; talk about yourself, characterize a person; propose a going out; invite.

Student Assessment Strategies

Continuous assessment 60% (minimum 3 assessment opportunities in the form of tests, assignments, or presentations to be determined by the lecturer). Examination 40% (1 x 2hour examination paper). Minimum final mark required to pass: 50%

MODULE TITLE:	LANGUAGE STUDIES IN PORTUGUESE
MODULE CODE	H3511YP
NQF LEVEL	5
Notional Hours	120
Contact hours	3hours lectures per week /1hour online activity or tutorial per week for 12 weeks
Additional learning requirements:	None
NQF Credits	12
(Co-requisites) Prerequisite	a) pass in Portuguese Foreign Language NSSC Higher Level or an equivalent qualification. b) pass in Portuguese Foreign Language NSSCAS (minimum C symbol)c) written approval by the Head: Department of Language and Literature Studies.
Compulsory/Elective	Elective Semester Offered 1

Module Content

My first strong steps: use frequent vocabulary information about personal data, needs of a specific nature and common everyday situations; evoking a change of life; understand a biography; bring up a conversation; imagine a different past; express regrets.

Enhance: use new words through context; control spelling and punctuation; take a position, express an opinion; tell the stages of an event; express opinions and feelings.

Student Assessment Strategies

At least three tests (1 hour duration each) and homework assignments, online activities, semi-guided research, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE TITLE:	PORTUGUESE LANGUAGE USAGE
MODULE CODE	H3532YP
NQF LEVEL	5
Notional Hours	120
Contact hours	4 hours/week over 12 weeks
NQF Credits	12
Additional learning requirements	(Co-requisites) Prerequisite a) pass in Portuguese Foreign Language NSSC Higher Level or an equivalent qualification. b) pass in Portuguese Foreign Language NSSCAS (minimum C symbol) c) written approval by the Head: Department of Language and Literature Studies.
Compulsory/Elective	Compulsory Semester Offered 2

Module Content

Progression: use elementary repertoire of words and expressions learned about personal data, needs of a concrete nature and common everyday situations, learn new words through context and linguistic intercomprehension.

Accuracy: Spelling of words, understand some punctuation marks, control and use simple grammatical structures, namely concordances.

Student Assessment Strategies

At least three tests (1 hour duration each) and homework assignments, online activities, semi-guided research, group and individual presentations. Final mark = 60% continuous assessment and 40% examination. Minimum final mark required to pass: 50%

MODULE DESCRIPTORS: SPANISH	FOUNDATIONS OF SPANISH
MODULE TITLE:	H3511YN
MODULE CODE	5
NQF LEVEL	120
Notional Hours	4 hours per week for 12 weeks
Contact hours	

Additional learning requirements	None	
NQF Credits	12	
(Co-requisites) Prerequisite:	See subject-specific admission requirements	
Compulsory/Elective	Elective	Semester Offered 1

Module Content

Introduction: alphabet; alphabet pronunciation; basic words and structures to start communicating; basic questions and information about yourself; international words in Spanish.

Origin: countries and nationalities; Southern African countries; languages; ask and answer for personal information related to country, nationality and language; numbers 0-20, verb to be (ser and estar in Spanish); singular and plural.

Personal information: names and surnames in Spanish, professions, undetermined articles, numbers 21-100; addresses; ask and answer using numbers; regular verbs –ar, -er, -ir; verbs ‘tener’ and ‘llamarse’; polite form (tú/usted),

Family: family-related vocabulary; regular reflexive verbs –ar, -er, -ir; determined articles; personal interview; introduction to clothes; colours; personal description and personal characteristics.

Student Assessment Strategies

Continuous assessment (minimum 3 assessment opportunities in the form of tests, assignments or presentations to be determined by the lecturer).

Final mark: 60% continuous assessments and 40% examination.

MODULE TITLE:	SPANISH FOR BEGINNERS	
MODULE CODE	H3532YN	
NQF LEVEL	5	
Notional Hours	120	
Contact hours	4 hours per week for 12 weeks	
Additional learning requirements:	None	
NQF Credits	12	
(Co-requisites) Prerequisite:	See subject-specific admission requirements	
Compulsory/Elective	Elective	Semester Offered 2

Module Content

Daily life objects: daily life objects; numbers 101-10.000; to describe a house and a room (hay + objects); currencies; how much; types of houses and shops; demonstrative adjectives (este, esta, estos, estas/ ese, esa, esos, esas); verb ‘querer’.

Country and city: to describe a city and a country; adjectives to describe; verb ‘ser’ and ‘estar’ second level; cities, communities and states in Spain and South American; numbers 10.001-1 million.

My room and my house: house and room objects; accent in Spanish; prepositions and adverbs to describe; describe different parts of a house; verb ‘gustarme’.

Public Space: parts of the city; verbs to describe and city; orientation in the city; time and hours; weather.

Student Assessment Strategies

Continuous assessment (minimum 3 assessment opportunities in the form of tests, assignments or presentations to be determined by the lecturer).

Final mark: 60% continuous assessments and 40% examination.

BACHELOR OF ARTS IN SOCIAL WORK (HONOURS) 29BASW (NEW INTAKE AS FROM 2023)

INTRODUCTION

The BA (Hons) degree programme is a general programme in the sense that students select their own minor and major subjects from the available humanities and social sciences offerings, subject to University and Faculty regulations. Students therefore in effect compile their own degree programme. It is recommended that the compilation of a student's degree programme is done in consultation with the Faculty Officer, and where advised, with the relevant departments. Students should also consult the relevant subject regulations before they decide on their subjects. Apart from the general BA degree programme outlined in this section, specialised BA degree programmes exist for which set curricula are prescribed. Refer to the regulations for the specialised programmes for further information (cf. E.2 – E.7).

ADMISSION REQUIREMENTS

Subject to Programme Specific Regulations, the normal basic requirements for entrance to undergraduate degree programmes shall be:

(1) A total of at least 27 points on the UNAM Scale obtained in five different subjects as follows:

- a. 2 subjects on NSSCAS level with an average D or higher
- b. 3 subjects NSSCO level with a C or higher
- c. English must be at a minimum C at NSSCO level

(2) A total of at least 27 points on the UNAM Scale obtained in five different subjects as follows:

- a. 3 subjects on NSSCAS level with an average D or higher
- b. 2 subjects NSSCO level with a D or higher
- c. English must be at a minimum C at NSSCO level

(3) A total of at least 30 points on the UNAM Scale obtained in five different subjects as follows:

- a. 5 subjects NSSCO level with a C or higher
- b. English must be at a minimum C at NSSCO level

(4) Admission can also be considered for persons who qualify through the Mature Age Entry Scheme upon successful completion of the relevant examinations as set out in the General Regulations (See Mature Age Entry Scheme in the General Information and Regulations Yearbook). A special application form is available for this purpose. The selection of candidates will be done based on the highest points on the UNAM evaluation scale guided by matters of equity as outlined by the national policies.

ADDITIONAL SELECTION CRITERIA

A quota system will also be applied for the selection of candidates to the programme for equal chance of admission by candidates from all 14 regions of Namibia and prospect international students. In addition to the above criteria, a pre-selection screening is undertaken by the Section Social Work to determine the suitability of the prospective student for the Social Work Programme

ARTICULATION OPTIONS

Graduates from the BA in Social Work (Honours) programme can enrol at UNAM or any other Higher Education Institution in the region and beyond for the Master's degree in Social Work and related fields.

ASSESSMENT CRITERIA

A minimum CA Mark of 40% is required to gain entrance into the relevant module examination, unless otherwise stated in the individual module descriptor.

In order to pass a module, a minimum final mark of 50% is required, unless otherwise stated in the individual module descriptor.

The final mark for each module will be calculated using a ratio of CA mark: Exam mark of 40 unless otherwise stated in the individual module descriptor.

Notwithstanding the above, a subminimum of at least 40% will apply to the Exam Mark, unless otherwise stated in the individual module descriptor.

QUALITY ASSURANCE ARRANGEMENTS

Monitoring of student progress: Formative assessments will be used to monitor students' progress during the semester and timeous feedback will be provided to each individual student.

Tracer studies and employer feedback: Tracer studies will be conducted to follow up on the status of graduates of this program. Students placements are done at agencies that are potential employers, in that process feedback from employers on the quality of graduates may be obtained.

Internal and external moderation of examination papers and scripts: First and third year examination papers and answer scripts will be moderated internally. Second and fourth year examination papers and answer scripts will be moderated by an external examiner/moderator.

Internal and external moderation of assessment for all 100% CA modules: The 100% CA modules will also be moderated both internally and externally.

Frequency of program review: In line with the Quality Assurance and Management Policy of UNAM, the program will be reviewed after every five years.

NQF registration: The program is registered on the NQF framework

Program accreditation: The program has been accredited by both the HPCNA and the NCHE.

MINIMUM REQUIREMENTS FOR RE-ADMISSION INTO THE SCHOOL / PROGRAMME

Normal enrollment

To be re-admitted to the School of Allied Health Sciences, a student must have successfully completed the following minimum number of credits as indicated below:

- 48 number of credits (of which 36 must be non-core) by the end of the first year of registration
 - 112 number of credits (of which 36 must be non-core) by the end of the second year of registration
 - 208 number of credits by the end of the third year of registration
 - 320 number of credits by the end of the fourth year of registration
 - 432 number of credits by the end of the fifth year of registration
- The programme must be completed after a maximum of 6 years of registration

ADVANCEMENT AND PROGRESSION RULES

A student advances to the subsequent academic year of study when the following conditions have been met:

Year 1 to Year 2: At least 92 credits

Year 2 to Year 3: All first year credits in addition to at least 240 second year credits

Year 3 to Year 4: All second and third year credits / All second year credits and at least 384 third year credits

A student who fulfilled the re-admission regulations, but could not advance to the next academic year must first register for all failed modules. Subject to pre-requisites, such a student may then add modules of the subsequent academic year, provided that the total number of registered credits does not exceed the prescribed number of credits of the current academic year by more than 20%.

At all times, students will be treated fairly, allowing them a reasonable opportunity to advance to the next level while picking up some modules from the previous year.

REQUIREMENTS FOR QUALIFICATION AWARD.

This qualification will be awarded to candidates credited with a minimum of 498 credits, and who have completed all Social Work Courses and attained a certain level of emotional maturity and social intelligence as assessed by the Social Work Section comprising:

- **Essential Skills:** knowledge base for social work practice and interpersonal communication skills;
- **Values:** social justice, non-judgmental, responsiveness to diversity; and,
- **Professional Conduct:** ethical behavior, punctuality, attendance, responsibility, respects others, demonstrates self-awareness and motivation for self-improvement, and collegiality.

CAREER OPPORTUNITIES

Social workers may be employed by government ministries such as: Health and Social Services, Gender Equality, Poverty Eradication and Child Welfare, Youth, National Service, Sport and Culture, Veterans Affairs, Safety and Security, and Defence. Private companies and State owned enterprises such as Telecom Namibia, Ohlthaver, List Group of Companies, NamPower, GIPF, MVA Fund, and the City of Windhoek amongst others also employ social workers. An increasing number of non-governmental, faith-based, and multi-national organizations such as UN Agencies, and others may also employ social workers. Career opportunities could be the following: social worker, medical social worker, statutory social worker, Industrial social worker, Employee Assistance Programme officer, Child protection work, Correctional social worker and private practitioner.

IMPLEMENTATION STRATEGY

The revised program will be implemented with all years of study at once.

OLD CURRICULUM				TRANSFORMED CURRICULUM			
CODE	NAME	LEVEL	CREDIT	CODE	NAME	LEVEL	CREDIT
SOW 3581	Introduction to Social Work	5	12	A3511SI	Introduction to Social Work and Social Welfare	5	12
SWK 3581	Skills for Professional Social Work	5	12	No Equivalent			
PSG 3581	Introduction to Psychology	5	12	A3511PI	Introduction to Psychology	5	12
SOG 3581	Foundations of Sociology	5	12	H3511SF	Foundations of Sociology	5	12
SOW 3582	Foundations of Communication	5	12	No equivalent			
SWK 3582	Foundations of Social Welfare	5	12	A3511SI	Introduction to Social Work and Social Welfare	5	12
SOG 3582	Basics of Sociology	5	12	H3512SB	Basics of Sociology of the Namibian Society	5	12
SWA 3592	Introduction to Social Work Practice	5	12	A3592SP	Introduction to Social Work Practice	5	12
SOW 3582	Applied Social Work Practice I	6	16	A3611SI	Social Work with Individuals	6	14
SOW 3651	Community Practice I	6	16	A3731SC	Community Work Theory	7	16
SOW 3631	Group Practice I	6	16	A3672SG	Group work theory	6	14
PSG 3611	Developmental Psychology	6	16	A3631PD	Developmental Psychology	6	14

				H3671SS	Social Problems and Social Research		
SOW 3652	Group Practice II	6	16	No equivalent			
SOW 3652	Community Practice II	6	16	No equivalent			
SOW 3672	Social Work Organisational Development	6	16	A3752SC	Leadership and organizational development	6	14
SWK 3612	Social Welfare Policy and Law	6	16	A3651SL	Social Welfare Law A	6	7
				A3652SL	Social Welfare Law B		7
SOW 3751	Palliative Care	7	16	No equivalent			
SOW 3731	Social Change Strategies	7	16	No equivalent			
SWA 3711	Mental Health Approaches	7	16	A3751PD	Developmental Psychology of Adulthood and old age	7	16
PSG 3711	Psychopathology			H3771SD	Sociology of Development		
				H3751SS	Social Demography		
SOW 3712	Trauma and Vulnerability Practice	7	16	No equivalent			
SOW 3772	Social Work Research	7	16	A3772SC	Social Science Research	7	16
SOW 3752	Case management	7	16	A3711SC	Case management	7	16
SWA 3710	Generalist Practice	7	32	A3793SP	Community Work and Casework practice	7	16+24 = 40
				W3700IC	CWIE		
SOW 3811	Specialised Methods & Fields I	8	16	No replacement			
SOW 3831	Specialised Methods & Fields II	8	16	A3811SC	Child and Family Care	8	18
SOW 3851	Specialised Methods & Fields III	8	16	A3831SC	Social Development	8	18
SOW 3801	Monitoring and Evaluation	8	8	A3851SC	Project Management and M& E	8	10
SOW 3822	Leadership & Ethics in Human Services	8	8	A3752SC	Leadership and organizational development	7	14
SOW 3810	Research Project in Social Work	8	16	A3883SR	Research Project in Social Work	8	30
SWA 3872	Professional Social Work Practice	8	32	A3892SC	Professional Social Work Practice	8	36

CURRICULUM FRAMEWORK: SUMMARY TABLE FOR ALL MODULES IN THE PROGRAMME

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 1 Semester 0						
TBC	Orientation Portfolio	0	0		None	C
U3583AL	Academic Literacy I	5	8	2	None	C
U3583DD	Digital Literacy I	5	8	2	None	C
U3420CN	National and global citizenship	5	4	2	None	E
A35820P	Professional growth	5	4	2	None	C
Total Credits Semester						24
Year 1 Semester 1						
A3511SI	Introduction to Social Work and Social Welfare	5	12	4	None	C
A3511PI	Introduction to Psychology	5	12	4	None	C
H3511SF	Foundations of Sociology	5	12	4	None	C
	Namibian OR International OR Sign language course	5	12	4	None	E
Total Credits Semester 1						48
Year 1 Semester 2						
A3519SP	Introduction to Social Work Practice	5	12	4	None	C
A3512PS	Social Psychology	5	12	4	None	C

H3512SB	Basics of Sociology of Namibian Society	5	12	4	None	C
	Namibian OR International OR Sign language course	5	12	4	None	E
Total Credits Semester 2						48
Total credits YEAR 1						120

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 2 Semester 0						
U3683AL	Academic Literacy II	6	8	2	Pre reg: U3583AL	C
U3420SE	Sustainability and Environmental awareness	6	8	2	None	E
A3580SP	Clinical report writing skills	6	8	2	None	C
Total Credits Semester 24						24
Year 2 Semester 1						
A3611SI	Social Work with Individuals	6	14	4	<u>Prerequisites</u> A3511SI A3519SP	C
A3631SP	Social Work Practice with Individuals	6	14	4	<u>Prerequisites</u> A3511SI A3519SP	C
A3651SL	Social Welfare Law A	6	7	4	None	C

A3631PD	Choose Psychology OR Sociology as second stream Developmental Psychology of childhood and adolescence OR	6	14	4	None	E
H3671SS	Social Problems and Social Research	6	14	4	Pre reg: H3512SB	E
Total Credits Semester 1						49
Year 2 Semester 2						
A3672SG	Group work theory	6	14	4	<u>Prerequisites</u> A3511SI A3519SP	C
A3692SP	Group work field practice	6	14	4	<u>Prerequisites</u> A3511SI A3519SP	C
A3652SL	Social Welfare law B	6	7	4	None	C
A3632PP	Psychopathology OR	6	14	4	None	E
H3612ST	Classical Sociological Theory	6	14	4	None	E
Total Credits Semester 2						49
Total credits YEAR 2						122
Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 3 Semester 0						
W3700IC	CWIE	7	24	240 Hours	Prerequisite A3631SP A3692SP	C

Total Credits Semester 24						24
Year 3 Semester 1						
A3711SC	Case Management	7	16	4	None	C
A3731SC	Community Work Theory	7	16	4	Prerequisite	C
A3751PD	Developmental Psychology of Adulthood and old age OR	7	16	4	Pre-req:A3511PI, A3512PS,A3631PD	E
H3771SD	Sociology of Development OR	7	16	4	None	E
H3751SS	Social Demography	7	16	4	None	E
A3793SP	Field practice with communities	7	8	4	Prerequisite A3631SP A3692SP	C
Total Credits Semester 1						56
Year 3 Semester 2						
A3772SC	Social Science Research	7	16	4	None	C
A3752SC	Leadership and organizational development	7	16	4	None	C
A3752PW	Psychology of Work and Labour Relations OR	7	16	4	Pre-req: A3511PI, A3512PS,A3511PO, A3512PC	E
A3752PT		7	16	4		E

H3772SE	Therapeutic Psychology OR	7	16	4	Pre-req: A3511PI, A3512PS	E
H3762SH	Sociology of Environment and Climate Change OR Sociology of Health	7	16	4	None Pre reg: H3671SS	E
A3793SP	Field practice with communities	7	8	4	Prerequisite A3631SP A3692SP	C
Total Credits Semester 2						56
Total credits YEAR 3						136

Module code	Module name	NQF Level	Credits	Contact hours per week (L / P / T)	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
Year 4 Semester 0						
A3880SP	Research Proposal	8	14	4	Prerequisite A3772SC	C
A3890SD	Design Thinking	8	8	4	None	C
Total Credits Semester						22
Year 4 Semester 1						

A3811SC	Child and Family Care	8	18	4	None	C
A3831SC	Social Development	8	18	4	None	C
A3851SC	Project Management and M& E	8	10	4	None	C
A3883SR	Research	8	8	4	Prerequisite A3772SC	C
Total Credits Semester 1						54
Year 4 Semester 2						
A3892SC	Professional Social Work clinical practice	8	18+18=36	108 days x 8 hours x 5days per week = 4320 hours	Prerequisite All 1,2,3 and first semester courses	C
A3883SR	Research	8	8	4	Prerequisite A3772SC	C
Total Credits Semester 2						44
Total credits YEAR 4						120

PART B: MODULE DESCRIPTOR:

MODULE TITLE:	INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE		
MODULE CODE	A3511SI		
NQF LEVEL	Level 5		
Notional Hours	120		
Contact hours	4 contact lecture periods per week		
Additional learning requirements	None		
NQF Credits	12 credits		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

Orientation and introduction: Definition of Social Work (IFSW; Three premises on which social work is based; Functions of social workSW ; Distinguishing characteristics of a social worker; Goals of social work; Roles of the social work

Social work and Social Welfare: Define social welfare; Differentiate between Social Work and Social Welfare; Describe the approaches to social welfare namely Residual, Institutional Social development

Charity and Social Work: Define charity, Explain the three kinds of charity; Differentiate between Social work and Sociology, Psychiatry, Psychology, counseling; Explain the state grants and pensions

History of Social Work: Distinguish between the three 3 organized forms of help; Discuss the establishment of the two movements globally, Describe the development of social work in Namibia from the eras 1959 to 1969, 1970 to 1990 and 1990 until today

Methods in Social Work: Individuals, groups, communities, research, administration; Definitions, processes, assumptions, roles, etc.

Ethics in Social Work: IFSW, NASWA, HPCNA; Key concepts: eg values, principles; Principles, human rights, social justice; Ethical issues in SW: Self-determination, acceptance, non-judgmental, confidentiality; Ethical dilemmas in social work; Ethical analysis; Steps in handling ethical dilemmas.

Models, theories, approaches in social work: Developmental approach; Strengths perspective ; Empowerment approach; Ecological-systems perspective ; Problem solving approach ; Task-centred approach ; Psychosocial theory ; Person in environment perspective; Diversity perspective ; Crisis intervention

Fields in Social Work: Medical social work; Child protection; Family care; Substance abuse; Correctional social work; Social Gerontology

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.
Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	INTRODUCTION TO SOCIAL WORK PRACTICE		
MODULE CODE	A3512SP		
NQF LEVEL	Level 5		
Notional Hours	120		
Contact hours	4 contact lecture periods per week		
Additional learning requirements	: Weekly practical sessions one hour per week for six weeks, to engage in a big brother big sister project that will offer students to practice skills establishing rapport with a child		
NQF Credits	12		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 2

Module Content

This is a practical course that enables the student to practice what was learned in the theory courses. Students therefore have to demonstrate the following
to explore the world of practice and find social work meaning in everyday life.
Students will learn about the mission of the agency and gain exposure to direct service provision; critically reflect on their observations, and learn through in-class and online discussions, weekly assignments, and monthly meetings with their agency supervisor. Students to gain exposure to social service/non-profit work in the local community and an excellent opportunity to explore areas of interest.

Student Assessment Strategies

Continuous assessments of reports with an oral examination at the end of the semester.

MODULE TITLE:	SOCIAL WORK WITH INDIVIDUALS		
MODULE CODE	A3611SI		
NQF LEVEL	Level 6		
Notional Hours	140		
Contact hours	4 contact lecture periods per week		
Additional learning requirements:	None		
NQF Credits	14		
(Co-requisites) Prerequisite	A3511SI and A3512SP		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

- ✗ The dimensions of the helping process.
- ✗ Knowledge and skills on the multidimensional assessment of an individual and family as a client system.
- ✗ Ethical issues in social work practice with individuals
- ✗ Application of various change-oriented strategies.
- ✗ Various communication skills and common pitfalls
- ✗ The dimensions of the interviewing process
- ✗ Knowledge and skills on the development of goals and contracts,
- ✗ Theoretical approaches that underpin case work practice.
- ✗ The measuring and evaluation of goals as well as the formulation of contracts.

Student Assessment Strategies

1 x 3h paper for full module

MODULE TITLE:	SOCIAL WORK PRACTICE WITH INDIVIDUALS		
MODULE CODE	A3631SP		
NQF LEVEL	Year 2 = 6		
Notional Hours	140		
Contact hours	4 contact lecture periods per week		
Additional learning requirements:	Block practical. Working with two cases on a weekly basis		
NQF Credits	14		
(Co-requisites) Prerequisite	A3511SI and A3512SP		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

This is a practice oriented course, which is based on the theory covered in the theoretical course to be practiced.

The helping process in Social Work

Basic social work skills and techniques with an individual client

Models and theories in social work practice

Report writing skills

Ethical conduct when working with individuals

Student Assessment Strategies

Continuous assessment (60 %): Class attendance and active participation, 8 reports with an individual client, group supervision sessions, assimilation exercises and oral evaluations.

Professional practice assessment (40%): 30 minutes per student.

MODULE TITLE:	SOCIAL WELFARE LAW A		
MODULE CODE	A3651SL		
NQF LEVEL	Year 2 = 6		
Notional Hours	70		
Contact hours	4 contact lecture periods per week		
Additional learning requirements	None		
NQF Credits	7		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

Introduction to Namibian law: The historical development of Namibian law, Sources of law and human rights. important legal concepts and the law making process in Namibia.

Administration of justice: The Namibian court systems, courts structures, court procedures, the legal profession and social work practice within the legal framework.

Law of Persons: and gain an understanding of the beginning and ending of legal subjectivity, and the status of legal subjects in the eyes of the law.

Marriage Law: civil and customary law of marriage. Conclusion, consequences and dissolution of a marriage. The Married Persons Equality Act

Vulnerable Witnesses: Criminal procedures Amendment Act on Vulnerable Witnesses, Forensic interviewing of a vulnerable witness; prepare child witnesses for the court.

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.

Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	GROUP WORK THEORY		
MODULE CODE	A3672SG		
NQF LEVEL	Year 2 = 6		
Notional Hours	140		

Contact hours	4 contact lecture periods per week
Additional learning requirements	: None
NQF Credits	14
(Co-requisites) Prerequisite	A3511SI and A3512SP
Compulsory/Elective	Compulsory
	Semester Offered Semester 2

Module Content

Definition of Group Work, Ethical issues in social work with groups, Various types of groups, Group dynamics, Models of group work practice, Influential Theories, Leadership skills
Co-leadership, Various stages of the group work process from the formation of the group until its termination.

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.
Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	GROUP WORK FIELD PRACTICE
MODULE CODE	A3692SP
NQF LEVEL	Year 2 = 6
Notional Hours	140
Contact hours	4 contact lecture periods per week
Additional learning requirements	: Class simulations and co-facilitation a six week educational group work project
NQF Credits	14
(Co-requisites) Prerequisite	A3511SI and A3512SP
Compulsory/Elective	Compulsory
	Semester Offered Semester 2

Module Content

Class activities include exercises, simulations and role-plays based on case studies to create a platform to the students to integrate theory into practice, focusing on:

Group dynamics

Models of group work practice

Ethics in social work with groups

Influential Theories

Leadership skills

Co-leadership

Various stages of the group work process from the formation of the group until its termination.

Student Assessment Strategies

Continuous assessment (100 %): comprise of assessing 8 group work reports, assimilation exercises and role plays as well as class attendance and active participation.

MODULE TITLE:	SOCIAL WELFARE LAW B
MODULE CODE	A3652SL
NQF LEVEL	Year 2 = 6
Notional Hours	70
Contact hours	4 contact lecture periods per week
Additional learning requirements:	None
NQF Credits	7
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Semester 2

Module Content

Probation services: functions and core competencies of probation officers; characteristics and qualities of the probation officer; conduct a presentence investigation and compile a report; credibility of a social worker in the court of law

Statutory services: the social worker's role to investigate matters pertaining to child protection; effective intervention programmes to empower families; recruitment, screening, selection and training of foster parents and adoptive parents; Appreciating the role of the social worker as an expert witness in the Children's court; follow-up/aftercare/reconstructive services to foster homes biological parents and residential care facilities.

Gender Based Violence legislation: the Combating of Rape and the Combating of Domestic Violence Acts, key role players in the implementation of these Statutes; social work assessments and report writing; intervention programmes to treat victims, perpetrators of Rape and domestic Violence.

Child custody disputes: the best interest of a child in custody matters; child custody options open to the court; social worker investigate, compile and present professional court reports about child custody disputes

Social work practice in the criminal justice system: Law of evidence, sentencing, evidence based social work practice, correctional services and parole

Advocacy as an important tool to influence decision makers” Define the concept advocacy, Discuss the steps to develop an advocacy programme

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.

Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	CASE MANAGEMENT		
MODULE CODE	A3711SC		
NQF LEVEL	Year 3 = 7		
Notional Hours	10 notional hours		
Contact hours	4 contact lecture periods per week		
Additional learning requirements:	None		
NQF Credits	16		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	semester 1

Module Content

- ☒ Foundations for Best Practice in Case Management
- ☒ Useful Clarifications and Attitudes
- ☒ Effective Communication
- ☒ Meeting Clients and Assessing their Strengths and Needs
- ☒ Developing a Plan with the Client
- ☒ Monitoring Services and Following the Client

Student Assessment Strategies

Formative and summative assessment

1 x 3h paper for full module)

MODULE TITLE:	COMMUNITY WORK THEORY		
MODULE CODE	A3731SC		
NQF LEVEL	LEVEL 7		
Notional Hours	160		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements:	Include any compulsory field trips / excursions (outside the normal practical's); attachments / group work / project etc.		
NQF Credits	16		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory		
Semester Offered	Year 3, Semester 1		

Module Content

Course Introduction, Overview and Content Orientation: The Course Instructor will facilitate introductions, class to spell out expectations and course instructor to provide an overview and orient the students about the course content and outcomes.

Explain the Origin, Context & Nature of Community Work as it relates to social work: Define the concept “community work”. Discuss the core theories, perspective & models. Explain social work’s domain of practice. Explain social work methods. Explain the purpose, goals & objectives of community work. Students’ Task 1 will include defining community work in their own understanding and share it in class.

Explain the Origin, Context & Nature of Community Development as it relates to social work: Define the concept “community development”. The Origins of community development thought. Discuss the Macro, Mezzo and Micro levels. Explain the origins of Social Planning, Community Education, Social Marketing and Social Action. Explain the purpose, goals & objectives of community development. Students’ task is to define community development as a form of intervention in social work.

Explain the Components of Community Work: Define the concept “community” and explain the practical demarcation of communities. Community change: explain the causes of community change and discuss the reactions to community change. Students’ task is to discuss the nature & demarcation of communities.

Explain the Role of the Social Worker as Community work Practitioner: Discuss the knowledge requirements. Discuss the attitudinal requirements. Discuss the skills requirements of a social worker as a community work practitioner.

Explain the Context in which community work is conducted: The employer organization/change agent system. Explain Macro socio-economic factors and Political factors. Students’ Assignment is to compile an Agency profile and to identify and discuss five (5) additional principles that community work practitioners must adhere to.

Explain the Community work Process: Provide a General Framework of the Community Work Process in explaining the 5 Steps in the Community Work Process. Step 1: Do a Situation- Analysis, Step 2: Identify & Analyze the Impediments, Step 3: Formulate a Plan of Action, Step 4: Implement the Plan of Action, Step 5: Evaluate the Process, Results & Sustain Change. Students needs to identify & categorize two new programmes/projects for implementation.

Student Assessment Strategies

Assessment for this course is made up of: 60% continuous assessment and 40% examination. Continuous assessment comprises of a community profile, a community profile and a class test. The module will be assessed through among others a final 1x 3hrs examination paper.

MODULE TITLE:	SOCIAL SCIENCE RESEARCH		
MODULE CODE	A3772SC		
NQF LEVEL	Year 3 = 7		
Notional Hours	160		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements:	None		
NQF Credits	16		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 2

Module Content

Scientific theory and professional research
Types of research, Ethical aspects in research
Steps in quantitative and qualitative research processes
Writing a research proposal

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.
Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	LEADERSHIP AND ORGANIZATIONAL DEVELOPMENT		
MODULE CODE	A3752SC		
NQF LEVEL	Year 3 = 7		
Notional Hours	160		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements:	None		
NQF Credits	16		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 2

Module Content

Define social work management;
Identify time wasters in management;
Interpret social work management functions;
Prepare for, and facilitate official meetings;
Employ record keeping in social work; and
Project planning, and performance appraisals
Use public speaking skills

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.
Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	PRACTICE OF COMMUNITY WORK		
MODULE CODE	A3793SP		
NQF LEVEL	Year 3 = 7		
Notional Hours	160		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements:	Conducting a community work project on a critical social issue in a community		
NQF Credits	16		
(Co-requisites) Prerequisite	A3631SP and A3692SP		
Compulsory/Elective	Compulsory		
Semester Offered	Semester 1 and 2		

Module Content

Conducting a community assessment
Establishing a community work project
Implementing an awareness raising project on a critical social issue in a specific community
Evaluating the project.

Student Assessment Strategies

Continuous assessment (60%): comprise of assessing 10 process reports, professional mentoring assimilation exercises and role plays as well as class attendance and active participation.

Professional practice assessment (40%): 30 minutes per student

MODULE TITLE:	CHILD AND FAMILY CARE		
MODULE CODE	A38111SC		
NQF LEVEL	Year 4 = 8		
Notional Hours	180		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements	: None		
NQF Credits	18		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

Conceptualization of childhood

The family

Understanding child abuse

Guiding principles of the UNCRC and CCPA

The role of the social worker

Social work assessment and the child in need of protection

Evidence based report writing

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.

Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	SOCIAL DEVELOPMENT		
MODULE CODE	A3831SC		
NQF LEVEL	Year 4 = 8		
Notional Hours	180		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements:	None		
NQF Credits	18		
(Co-requisites) Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

Social welfare practice in a global and regional context, the theory and practice of social development and reviews the role and debate surrounding social security and welfare services.

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.

Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	PROFESSIONAL SOCIAL WORK PRACTICE		
MODULE CODE	A3892SC		
NQF LEVEL	YEAR 4 = 8		
NOTIONAL HOURS	360		
Contact hours	108 days, 8 hour per day, five working days 4320 hours		
Additional learning requirements	: Clinical placement		
NQF Credits	36		
(Co-requisites) Prerequisite	Completion of all years 1, 2,3 and Year 4 (Semester 1) courses		
Compulsory/Elective	Compulsory	Semester Offered	Semester 2

Module Content

Application of social work values and ethics; leadership skills; professional work habits; and record-keeping skills.

Student Assessment Strategies

Case work process: 15%

1 x Individual &/or family therapy case

- First interview report
- Process Reports

Summary of 14 individual & family therapy cases	5%
Group work process: 20%	
- Group Proposal	
- Process Reports	
Community work process: 20%	
- Community Profile	
- Community Proposal	
- Process Reports	20%
Field visit assessment	20%
End of internship assessment based on observation, reports, feedback from other organisation staff	5%
Student presentation on the overall internship	15%
Total	100%

MODULE TITLE:	PROJECT MANAGEMENT AND MONITORING AND EVALUATION		
MODULE CODE	A3851SC		
NQF LEVEL	Year 4 = 8		
Notional Hours	180		
Contact hours	4 Contact lecture periods per week for one semester		
Additional learning requirements:	None		
NQF Credits	18		
(Co-requisites)Prerequisite	None		
Compulsory/Elective	Compulsory	Semester Offered	Semester 1

Module Content

- Fundamentals of project management
- Fundamentals of M & E
- Project Management life cycle
- Theory of Change
- Program design and planning

Student Assessment Strategies

Formative assessment: written assignments, tests, class presentations and case studies.

Summative assessment: 1 x 3h paper for full module.

MODULE TITLE:	RESEARCH PROJECT		
MODULE CODE	A3883SR		
NQF LEVEL	Year 4 = 8		
Notional Hours	180		
Contact hours	4 contact lecture periods per week for one semester		
Additional learning requirements	: Conducting an independent research project and presenting a research report.		
NQF Credits	18		
(Co-requisites) Prerequisite	Prerequisite A3772SC	Compulsory/Elective	Compulsory

Module Content

The steps of the research process
 Research design;
 Qualitative research methodology;
 Collecting, managing, and analyzing data;
 Writing a research report

Student Assessment Strategies

This is a 100% continuous assessment course. It is required that students submit three assignments which weighs 80% and participate in class activities related to development of a research proposal and data collection which weighs 20%. The assignments include a research proposal (20%), data collection and analysis

E.1.1 Introduction

The BA (Hons) degree programme is a general programme in the sense that students select their own minor and major subjects from the available humanities and social sciences offerings, subject to University and Faculty regulations. Students therefore in effect compile their own degree programme. It is recommended that the compilation of a student’s degree programme is done in consultation with the Faculty Officer, and where advised, with the relevant departments. Students should also consult the relevant subject regulations before they decide on their subjects. Apart from the general BA degree programme outlined in this section, specialised BA degree programmes exist for which set curricula are prescribed. Refer to the regulations for the specialised programmes for further information (cf. E.2 – E.7).

E.1.2 Admission

E.1.2.1

Refer to **E.1 Admission** under **E. Regulations Pertaining to Undergraduate Studies in the Faculty** in this yearbook.

E.1.2.2

Certain subjects require specific qualifications at NSSCO (or the equivalent) level for admission. Consult the relevant subject regulations in section F of this yearbook.

E.1.3 Curriculum Compilation

E.1.3.1 Overall Structure

E.1.3.1.1

The BA degree is a double-major qualification consisting of two (2) major subjects taken up to fourth year level, one (1) minor subject taken up to third year level and one (1) subject taken at first year level only (plus the University Core Curriculum Courses at first year level).

E.1.3.1.2

Each subject consists of a number of *Courses* (and equivalent credits) at each year level:

- Each first year subject consists of two (2) *Courses* (32 credits).
- Each second year subject consists of three (3) *Courses* (48 credits).
- Each third year subject that is taken as a major subject consists of three (3) *Courses* (48 credits).
- A third year subject that is taken as a minor subject consists of two (2) *Courses* (32 credits).
- Each fourth year (major) subject consists of four (4) *Courses* (64 credits).

E.1.3.1.3

The BA degree programme consists of a total of 36 *Courses* (544 credits) at the various year levels in the various subjects as outlined above, all of which a student must pass in order to graduate (cf. E.4.2.1).

E.1.3.1.4

The overall structure of the BA degree programme can be schematically represented as follows:

Fourth				Research Project			
Third							
Second							
First							
Year Level	UNAM Core Curriculum (16 credits)	Lang. Centre Core Courses (32 credits)	SUBJECT A Major Subject 1 (200 credits)	SUBJECT B Major Subject 2 (168 credits)	SUBJECT C Minor Subject (104 credits)	SUBJECT D First Year Only (24 credits)	

E.1.3.1.5

To be awarded the BA degree, a student must pass all 36 Courses (544 credits) within the curriculum structure as stipulated above.

E.1.3.1.6

Courses/credits are not horizontally, vertically or laterally transferable.

E.1.3.2 Subjects

E.1.3.2.1

Students select their four (4) subjects in the first year from four different groups below, subject to the relevant Faculty and subject regulations (cf. F).

A student may not select more than one subject from any one group.

Group 1	Group 2
<ul style="list-style-type: none"> - Afrikaans as Applied and Business Language^{# Minor} - Chinese as Applied and Business Language^{# Minor} - French as Applied and Business Language^{# Minor} - Chinese as Applied and Business Language^{# Minor} - German as Applied and Business Language^{# Minor} - Oshiwambo as Applied Language^{# Minor} - Otjiherero as Applied Language^{# Minor} - Portuguese as Applied and Business Language^{# Minor} - Spanish as Applied and Business Language^{# Minor} 	<ul style="list-style-type: none"> - Art for Advertising - French Studies* - German Studies* - Khoekhoegowab Studies* - Oshiwambo Studies* - Otjiherero Studies* - Philosophy
Group 3	Group 4
<ul style="list-style-type: none"> - English Studies* - Fashion Studies - Religious and Biblical Studies 	<ul style="list-style-type: none"> - Geography and Environmental Studies - Psychology (Clinical and Industrial)
Group 5	Group 6
<ul style="list-style-type: none"> - Creative Expression - Sociology 	<ul style="list-style-type: none"> - Afrikaans Studies* - Music - Political Studies - Portuguese Studies - Visual Culture
Group 7	
<ul style="list-style-type: none"> - Drama - History - Textiles Studies 	

These languages are offered at beginner level and can be taken by anyone who does not know the relevant language (see section F).

* These subjects require a pass at NSSC level. Refer to the admission requirements under the relevant subject regulations (section F).

§ *Professional Communication* may not be taken in combination with any subject from Group 1.

^{Minor} These subjects can be taken as minor subjects only, i.e. only up to third year level. A student may not take more than one (1) minor subject.

E.1.3.2.2

Students should consult the relevant subject regulations and course descriptors in section F in this yearbook before they register for any subject.

E.1.3.2.3

A student may not register for more than one (1) subject from any one group above.

E.1.3.2.4

A student may not register for more than one (1) minor subject.

E.1.3.2.5

Minor subjects can only be taken up to third year level. These subjects are all the subjects in Group 1 above.

E.1.3.2.6

Students who initially register for the minor subjects in *Applied and Business Language: French, German or Portuguese*, may opt to proceed with *French Studies, German Studies or Portuguese Studies* respectively as major subjects after successful completion of the relevant

prerequisites. Refer to the relevant subject regulations in section F in this yearbook for details and consult the relevant Department well in advance.

E.1.3.3 First Year Level

At first year level students take the University Core Curriculum Courses plus four (4) subjects from the list of approved major and minor subjects in the Faculty, of which at least three (3) subjects should be approved major subjects (cf. G.1.3.2). The normal first year curriculum of a student registered in the BA degree programme will therefore consist of eleven (11) *Courses* (144 credits), compiled as follows:

Subject	Courses	Credits
University Core Curriculum (E.4.3.1)	3*	48
Subject A at first year level	2	24
Subject B at first year level	2	24
Subject C at first year level	2	24
Subject D at first year level	2	24
Total	11	144

* two (2) *Courses* and two (2) *half-Courses* (cf. E.4.3.1)

E.1.3.4 Second Year Level

At second year level students proceed with three (3) of the four (4) subjects taken in the first year. The fourth subject ("Subject A" above) is discontinued after its *Courses/credits* at first year level have been passed. The normal second year level curriculum of a student registered in the BA degree programme will therefore consist of nine (9) *Courses* (144 credits), compiled as follows:

Subject	Courses	Credits
Subject B at second year level	3	48
Subject C at second year level	3	48
Subject D at second year level	3	48
Total	9	144

E.1.3.5 Third Year Level

At third year level students proceed with the three (3) subjects taken at second year level. At this point the student must choose his/her two (2) major subjects. The remaining subject will become the minor subject ("Subject B" above). The normal third year level curriculum of a student registered in the BA degree programme will therefore consist of eight (8) *Courses* (128 credits), compiled as follows:

Subject	Courses	Credits
Subject B (minor) at third year level	2	32
Subject C (major) at third year level	3	48
Subject D (major) at third year level	3	48
Total	8	128

E.1.3.6 Fourth Year Level

E.1.3.6.1

C.4.3.4.4

A student admitted to the fourth year level may register for the seven (7) (128 credits) fourth year courses plus one (1) outstanding course on first, second or third year level, subject to the relevant subject regulations (inclusive of prerequisites) (cf. E.4.3.3.1).

E.1.3.6.2

At fourth year level students proceed with the two (2) major subjects selected at third year level. The minor subject is discontinued (after all its *Courses/credits* at first, second and third year level have been passed prior to admission to the fourth year level). The normal fourth year level curriculum of a student registered in the BA degree programme will therefore consist of seven (7) *Courses* (128 credits), compiled as follows:

Subject	Courses	Credits
Subject C (major) at third year level	4	64
Subject D (major) at third year level	3	48
Total	7	128

SUBJECT REGULATIONS AND COURSE DESCRIPTORS

CLINICAL PSYCHOLOGY (DOUBLE MAJOR)

Introduction

The Department of Human Sciences offers Psychology at undergraduate level. The BA could be completed with a double major consisting of psychology as one major subject as well as one other major subject. Psychology can only be taken as a second major in the BA double major programme. (i.e. for students not pursuing a single major in psychology, psychology must be pursued as a minor subject during the 4th year. That is, for a student doing a double major, psychology must be a minor subject. (i.e. such students may not carry out research projects in psychology as they would not qualify into MA Psychology programs). Alternatively, Psychology could be completed as a single major in Clinical Psychology. Students who intend to do a single major at fourth year level must apply to the Head of Psychology Section (in writing) before registration in their 4th year courses (i.e. single major) in Clinical Psychology. The BA programme consists of a total of 36 courses (544 credits).

The purpose of this subject is to:

1. deliver general education in psychological knowledge;
2. emphasise a general basic psychological foundation;
3. enable graduates to deal with demands in the field of either clinical or industrial psychology;
4. expose students to a variety of psychology Courses to prepare them for further studies in either clinical or industrial psychology.

Subject Convenor: Dr EN Shino (tel. 206 3807 – Email: eshino@unam.na) / Dr A. Shikongo (tel: 206 3129 – Email: aeshikongo@unam.na)

Admission Requirements

The Faculty's general admission requirements apply (cf. C.1).

First Year Level

Curriculum Compilation

Students take the two (2) Courses below:		
Semester	Code	Course Title
1	PSG 3581	Introduction to Psychology
2	PSG 3582	Social Psychology

Second Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisite below.

Curriculum Compilation

Students take the three (3) Courses below:			
Semester	Code	Course Title	Prerequisite
1	PSG 3611	Developmental Psychology of Childhood and Adolescence	Co-requisite HPSG 3581
1	PSI 3631	Organisational/Personnel Psychology	Co-requisite HPSG 3581
2	PSG 3652	Research Methodology and Statistics	HPSG 3581

Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)

Third Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisites and advice to prospective single-major students below.

Curriculum Compilation

Semester	Code	Course Title	Prerequisite
Students who want to major in <i>Clinical Psychology DOUBLE MAJOR</i> Must take the following courses during the 3 rd year (3 courses = 48 credits), plus five courses from second major and minor subjects (5 courses = 80 credits)			

1	PSG 3711	Psychopathology	HPSG 3581 <i>Co-requisite</i> HPSG 3582
2	PSG 3772	Personality Theories	HPSG 3581 & HPSG 3582
2	PSG 3752	Therapeutic Psychology	HPSG 3581 & HPSG 3582
Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)			

Fourth Year Level

Students who are pursuing Clinical Psychology as a DOUBLE MAJOR Must take the following two (2) compulsory courses during the 4 th year plus courses from the first			
1	PSG 3871	Advanced Research Methods and Statistics	HPSG 3652
1	PSY 3851	Advanced Personality Theories	HPSG 3772
Students further select one (1) from the following five (5) Courses below:			
1	PSG 3851	Positive Psychology	HPSG 3581 & HPSG 3582
2	PSY 3872	Development Psychology of Adulthood and Old Age	HPSG 3581, HPSG 3582 & HPSG 3611
2	PSI 3830	Psychological Assessment	HPSG 3581, HPSG 3582 & HPSG 3611
2	PSG 3852	Psychology, Ethics and the Law	HPSG 3581 & HPSG 3582
1	PSY 3871	Systems Theories	HPSG 3581 & HPSG 3582
Students add fourth-year level courses of the fourth year major subject (4 courses = 80 credits)			

COURSE DESCRIPTORS

FIRST YEAR LEVEL

PSG 3581 Introduction to Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: The evolution of psychology; the research enterprise in psychology; the biological bases of behaviour; sensation and perception; variations of consciousness; learning; human memory; language and thought; intelligence and psychological testing; motivation and emotion; human development across the life span; personality; theory, research, and assessment; stress, coping and health; psychological disorders; treatment of psychological disorders; social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x2 hour examination paper)

PSG 3582 Social Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: Social basis of behaviour in a multicultural society; the self in a social world; social beliefs and judgements; attitudes; attribution; types of social influence; group behaviour and influence; leadership and decision making, prejudice and discrimination; aggression; affiliation, attraction and love; pro-social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 2 hour examination paper)

SECOND YEAR LEVEL

PSG 3611 Developmental Psychology of Childhood and Adolescence

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581 *Introduction to Psychology*

Content: The life-span; the science of life-span development; biological beginnings; prenatal development and birth; physical development in infancy; cognitive development in infancy; socio-emotional development in infancy; physical and cognitive development in early childhood; socio-emotional development in early childhood; physical and cognitive development in middle and late childhood; socio-emotional development in middle and late childhood; physical and cognitive development in adolescence; socio-emotional development in adolescence.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3631 Organisational/Personnel Psychology

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581

Content: Personality and values, perceptions and individual decision making, emotions, and mood, work teams, leadership theories, communication, power and politics, organisational change, stress management.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3652 Research Methodology and Statistics

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581

Content: Importance of research methodology and statistics; descriptive and inferential statistics, terminology; population, sample, parameters, variables, scientific methods and research design, scales of measurement, graphs and frequency distributions, measures of central tendency, measure of variability/dispersion, transforming scores; inferential statistics, probability and hypothesis testing; correlations; analysis of variance and chi-square.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

THIRD YEAR LEVEL

PSG 3711 Psychopathology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and Co-requisite HPSG 3611 *De. Psychology of Childhood and Adolescence*

Content: Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3772 Personality Theories

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology*

Content: Introduction to the study of personality; overview of assessment, theory and research in personality; standardization, reliability, validity and culture fairness in personality testing; psychoanalytical theory; other psychodynamic approaches, trait theories; life-span approaches, cognitive theories; behavioural theories, social learning theories; alternative approaches (e.g. African, Eastern perspectives).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3752 Therapeutic Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology*

Content: Basic issues in counselling practice (the counsellor: person and professional); ethical issues; theories and techniques of counselling (i.e. psychoanalytical therapy, existential therapy, person-centred therapy, behaviour therapy, cognitive behaviour therapy, reality therapy, postmodern approaches (e.g. narrative therapy))

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

FOURTH YEAR LEVEL

PSG 3871 Advanced Research Methods and Statistics

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3652 *Research Methods and Statistics*

Content: Importance of research methods and statistics; validity and reliability; hypotheses; fallacies in research; research ethics; literature review; sampling; instrument design and validation; qualitative measure; non-experimental designs, experimental and quasi-experimental designs; correlation and regression; t-test, multivariate statistics (including canonical analysis, multiple regression analysis, exploratory factor analysis, one-way analysis of variance, and multivariate analysis of variance, discriminant analysis); practical significance of results; interpretation of research results)

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3851 Advanced Personality Theories

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3772 *Personality Theories*

Content: Society and the individual; personality as social discourse; language and the social self; the self in everyday communication; power, knowledge and the self; social relations, culture and the self; power relations, interdependence and the civilized personality; formation and reconstruction of social selves.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3851 Positive Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and PSG 3582 *Social Psychology*

Content: Introduction to positive psychology and the historical development; definitions and measures of well-being; effects of positive emotions on physical and psychological health; resilience as a human strength in the face of adversity; a review of hedonic happiness; money, happiness and culture; personal goals and the impact of motivations on health and happiness; self-regulation and self-control as critical components to achieve personally significant goals; positive personal traits, personality traits and self-conception influencing well-being; virtues and strengths, of character; positive psychology in organizations, positive psychology interventions.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3872 Developmental Psychology of Adulthood and Old Age

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours
Prerequisite: HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology PSG 3611 Developmental Psychology
Content: Theories of human development from early adulthood through late adulthood/old age; aspects of human development i.e physical/cognitive and social/personality development; marriage, divorce, employment, unemployment, retirement and death, contemporary issues that are, or may be relevant to adult development in general and to Namibian society in particular.
Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3830 Psychological Assessment

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours
Prerequisite: HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology PSG 3611 Developmental Psychology
Content: Overview of assessment; definitions and scope; history of psychological assessment; developing a psychological measure; cross-cultural test adaptation and translation; practice of psychological assessment; ethical standards; administering psychological assessment measures; assessment of young children, physical disabled and mentally handicapped individuals; assessment of cognitive functioning; measures of affective behaviour, adjustment, and well-being; personality assessment; career counselling; assessment use of assessment measures in various applied contexts; interpreting and reporting assessment results; factors affecting assessment results; future of psychological assessment.
Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3852 Psychology, Ethics and the Law

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours
Prerequisite: HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology
Content: Psychological theories about human personality; ethical guidelines and legal issues related to psychology; the importance of ethics and law to psychological practice and clinical services; ethics and law in industry/organizational settings; controversial and ethical dilemma and legal implications; abuse of psychology; malpractices; introduction to Forensic Psychology and Criminal Psychology; Namibian laws and legislation relating to psychology.
Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3871 Systems Theories

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours
Prerequisite: HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology
Content: External and Internal family boundaries; Family rules; Family role organization; Power distribution among family members; The communication process; life circle; Variations in Life Cycle; Families Multi-Generational Systems; The Single Parent Family; Differentiation of Self; Societal Emotional Process; Triangles; Nuclear Family emotional systems; Family projection process; Emotional cutoff; Sibling position; Use concepts of micro (individual), mezzo (family), and macro (community) level interaction to assess how pathology affects the individual and other interrelated systems.
Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

CLINICAL PSYCHOLOGY (SINGLE MAJOR)

Introduction

The Department of Human Sciences offers Clinical Psychology and Industrial Psychology at undergraduate level. The BA Clinical Psychology could be completed as a single major in Clinical Psychology. Students who intend to do a single major at fourth – year level must apply to the Head of Psychology Section (in writing) before registration in their 4th year courses (i.e single major) in Clinical Psychology. The BA programme consists of a total of 36 courses (544 credits).

The purpose of this subject is to:

1. deliver general education in psychological knowledge;
2. emphasise a general basic psychological foundation;
3. enable graduates to deal with demands in the field of either clinical or industrial psychology;
4. expose students to a variety of psychology Courses to prepare them for further studies in either clinical or industrial psychology.

Subject Convenor: Dr EN Shino (tel. 206 3807 – Email: eshino@unam.na) / Dr A. Shikongo (tel: 206 3129 – Email: aeshikongo@unam.na)

Admission Requirements

The Faculty’s general admission requirements apply (cf. C.1).

First Year Level

Curriculum Compilation

Students take the two (2) Courses below:		
Semester	Code	Course Title
1	PSG 3581	Introduction to Psychology

2	PSG 3582	Social Psychology
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Second Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisite below.

Curriculum Compilation

Students take the three (3) Courses below:			
Semester	Code	Course Title	Prerequisite
1	PSG 3611	Developmental Psychology of Childhood and Adolescence	Co-requisite HPSG 3581
1	PSI 3631	Organisational/Personnel Psychology	Co-requisite HPSG 3581
2	PSG 3652	Research Methodology and Statistics	HPSG 3581
Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)			

Third Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisites and advice to prospective single-major students below.

Curriculum Compilation

Semester	Code	Course Title	Prerequisite
Students who want to major in <i>Clinical Psychology as a SINGLE MAJOR</i> Must take the following courses during the 3 rd year (3 courses = 48 credits), plus five courses from second major and minor subjects (5 courses = 80 credits)			
1	PSG 3711	Psychopathology	HPSG 3581 Co-requisite HPSG 3582
2	PSG 3772	Personality Theories	HPSG 3581 & HPSG 3582
2	PSG 3752	Therapeutic Psychology	HPSG 3581 & HPSG 3582
Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)			

FOURTH YEAR LEVEL

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3): **Students are admitted to the fourth year level in the BA degree programme only after they have passed all twenty-eight (28) Courses (448 credits) at first, second and third year level** (cf. C.4.3.3.1).
2. Students may be admitted to *Clinical Psychology* as a single major subject after written application and the passing of a screening process at the end of the third year level. Students who are interested in this option are advised to approach the Head: Department of Human Sciences.

Curriculum Compilation

Students who want to have <i>Clinical Psychology as a SINGLE MAJOR</i> Must take all the courses below			
1	PSG 3871	Advanced Research Methods and Statistics	HPSG 3652
1 & 2	PSG 3800	Research Project in Clinical Psychology	Co-requisite PSG 3871
2	PSY 3872	Development Psychology of Adulthood and Old Age	HPSG 3581, HPSG 3582 & HPSG 3611
1	PSG 3851	Positive Psychology	HPSG 3581 & HPSG 3582
1	PSY 3851	Advanced Personality Theories	HPSG 3772
1	PSI 3830	Psychological Assessment	HPSG 3581, HPSG 3582 & HPSG 3611
2	PSG 3852	Psychology, Ethics and the Law	HPSG 3581 & HPSG 3582
1	PSY 3871	Systems Theories	HPSG 3581 & HPSG 3582

Course Descriptors

PSG 3581 Introduction to Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: The evolution of psychology; the research enterprise in psychology; the biological bases of behaviour; sensation and perception; variations of consciousness; learning; human memory; language and thought; intelligence and psychological testing; motivation and emotion; human development across the life span; personality; theory, research, and assessment; stress, coping and health; psychological disorders; treatment of psychological disorders; social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 2 hour examination paper)

PSG 3582 Social Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: Social basis of behaviour in a multicultural society; the self in a social world; social beliefs and judgements; attitudes; attribution; types of social influence; group behaviour and influence; leadership and decision making, prejudice and discrimination; aggression; affiliation, attraction and love; pro-social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 2 hour examination paper)

SECOND YEAR LEVEL

PSG 3611 Developmental Psychology of Childhood and Adolescence

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581 *Introduction to Psychology*

Content: The life-span; the science of life-span development; biological beginnings; prenatal development and birth; physical development in infancy; cognitive development in infancy; socio-emotional development in infancy; physical and cognitive development in early childhood; socio-emotional development in early childhood; physical and cognitive development in middle and late childhood; socio-emotional development in middle and late childhood; physical and cognitive development in adolescence; socio-emotional development in adolescence.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3631 Organisational/Personnel Psychology

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581

Content: Personality and values, perceptions and individual decision making, emotions, and mood, work teams, leadership theories, communication, power and politics, organisational change, stress management.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3652 Research Methodology and Statistics

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581

Content: Importance of research methodology and statistics; descriptive and inferential statistics, terminology; population, sample, parameters, variables, scientific methods and research design, scales of measurement, graphs and frequency distributions, measures of central tendency, measure of variability/dispersion, transforming scores; inferential statistics, probability and hypothesis testing; correlations; analysis of variance and chi-square.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

THIRD YEAR LEVEL

PSG 3711 Psychopathology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and Co-requisite HPSG 3611 *De. Psychology of Childhood and Adolescence*

Content: Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3772 Personality Theories

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology*

Content: Introduction to the study of personality; overview of assessment, theory and research in personality; standardization, reliability, validity and culture fairness in personality testing; psychoanalytical theory; other psychodynamic approaches, trait theories; life-span approaches, cognitive theories; behavioural theories, social learning theories; alternative approaches (e.g. African, Eastern perspectives).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3752 Therapeutic Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology*

Content: Basic issues in counselling practice (the counsellor: person and professional); ethical issues; theories and techniques of counselling (i.e. psychoanalytical therapy, existential therapy, person-centred therapy, behaviour therapy, cognitive behaviour therapy, reality therapy, postmodern approaches (e.g narrative therapy)

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

FOURTH YEAR LEVEL

PSG 3871 Advanced Research Methods and Statistics

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3652 Research Methods and Statistics*

Content: Importance of research methods and statistics; validity and reliability; hypotheses; fallacies in research; research ethics; literature review; sampling; instrument design and validation; qualitative measure; non-experimental designs, experimental and quasi-experimental designs; correlation and regression; t-test, multivariate statistics (including canonical analysis, multiple regression analysis, exploratory factor analysis, one-way analysis of variance, and multivariate analysis of variance, discriminant analysis); practical significance of results; interpretation of research results)

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3800 Research Project in Clinical Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 2 hours/week over 14 weeks = 56 contact hours

Co-requisite: *HPSG 3871 Advanced Research Methods and Statistics*

Content: Use of the library and internet resources; writing a proposal; validity & reliability; sampling techniques; data collection; selecting data analysis techniques; APA referencing style; scientific report writing.

Assessment: Continuous assessment 100

PSY 3851 Advanced Personality Theories

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3772 Personality Theories*

Content: Society and the individual; personality as social discourse; language and the social self; the self in everyday communication; power, knowledge and the self; social relations, culture and the self; power relations, interdependence and the civilized personality; formation and reconstruction of social selves.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3851 Positive Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Introduction to positive psychology and the historical development; definitions and measures of well-being; effects of positive emotions on physical and psychological health; resilience as a human strength in the face of adversity; a review of hedonic happiness; money, happiness and culture; personal goals and the impact of motivations on health and happiness; self-regulation and self-control as critical components to achieve personally significant goals; positive personal traits, personality traits and self-concept influencing well-being; virtues and strengths, of character; positive psychology in organizations, positive psychology interventions.

Assessment: Continuous assessment 60%: Examination 40% (1 x 3 hour examination paper)

PSY 3872 Developmental Psychology of Adulthood and Old Age

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology* *PSG 3611 Developmental Psychology*

Content: Theories of human development from early adulthood through late adulthood/old age; aspects of human development i.e physical/cognitive and social/personality development; marriage, divorce, employment, unemployment, retirement and death, contemporary issues that are, or may be relevant to adult development in general and to Namibian society in particular.

Assessment: Continuous assessment 60%: Examination 40% (1 x 3 hour examination paper)

PSI 3830 Psychological Assessment

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology* *PSG 3611 Developmental Psychology*

Content: Overview of assessment; definitions and scope; history of psychological assessment; developing a psychological measure; cross-cultural test adaptation and translation; practice of psychological assessment; ethical standards; administering psychological assessment measures; assessment of young children, physical disabled and mentally handicapped individuals; assessment of cognitive functioning; measures of affective behaviour, adjustment, and well-being; personality assessment; career counselling; assessment use of assessment measures in various applied contexts; interpreting and reporting assessment results; factors affecting assessment results; future of psychological assessment.

Assessment: Continuous assessment 60%: Examination 40% (1 x 3 hour examination paper)

PSG 3852 Psychology, Ethics and the Law

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Psychological theories about human personality; ethical guidelines and legal issues related to psychology; the importance of ethics and law to psychological practice and clinical services; ethics and law in industrial/organizational settings; controversial and ethical dilemma and legal implications; abuse of psychology; malpractices; introduction to Forensic Psychology and Criminal Psychology; Namibian laws and legislation relating to psychology.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSY 3871 Systems Theories

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology

Content: External and Internal family boundaries; Family rules; Family role organization; Power distribution among family members; The communication process; life circle; Variations in Life Cycle; Families Multi-Generational Systems; The Single Parent Family; Differentiation of Self; Societal Emotional Process; Triangles; Nuclear Family emotional systems; Family projection process; Emotional cutoff; Sibling position; Use concepts of micro (individual), mezzo (family), and macro (community) level interaction to assess how pathology affects the individual and other interrelated systems.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

INDUSTRIAL / ORGANIZATIONAL PSYCHOLOGY (DOUBLE MAJOR)

Introduction

The Department of Human Sciences offers Psychology at undergraduate level. The BA could be completed with psychology as one major subject as well as one other major subject. Psychology can only be taken as a second major in the BA double major programme. (i.e. for students not pursuing a single major in psychology, psychology must be pursued as a minor subject during the 4th year. That is, for a student doing a double major, psychology must be a minor subject. (i.e. such students may not carry out research projects in psychology as they would not qualify into MA programs) Alternatively, Industrial / Organizational Psychology could be completed as a single major in Industrial / Organizational Psychology. Students who intend to do a single major at fourth – year level must apply to the Head of Psychology Section (in writing) before registration in their 4th year courses (i.e single major) in Industrial / Organizational Psychology. The BA programme consists of a total of 36 courses (544 credits).

The purpose of this subject is to:

1. deliver general education in psychological knowledge;
2. emphasise a general basic psychological foundation;
3. enable graduates to deal with demands in the field of either clinical or industrial psychology;
4. expose students to a variety of psychology Courses to prepare them for further studies in either clinical or industrial psychology.

Subject Convenor: Mr F A Beukes (tel: 206 3270 – Email: fbbeukes@unam.na) / Dr W Pieters (tel. 206 3056 – Email: wpieters@unam.na)

Admission Requirements

The Faculty's general admission requirements apply (cf. C.1).

First Year Level

Curriculum Compilation

Students take the two (2) Courses below:		
Semester	Code	Course Title
1	PSG 3581	Introduction to Psychology
2	PSG 3582	Social Psychology

Second Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisite below.

Curriculum Compilation

Students take the three (3) Courses below:			
Semester	Code	Course Title	Prerequisite
1	PSG 3611	Developmental Psychology of Childhood and Adolescence	Co-requisite HPSG 3581
1	PSI 3631	Organisational/Personnel Psychology	Co-requisite HPSG 3581

2	PSG 3652	Research Methodology and Statistics	HPSG 3581
Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)			

Third Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisites and advice to prospective single-major students below.

Curriculum Compilation

Semester	Code	Course Title	Prerequisite
Students who intent to apply for Industrial / Organizational Psychology as a DOUBLE MAJOR Must take the following courses during the 3 rd year (3 courses = 48 credits), plus five courses from second major and minor subjects (5 courses = 80 credits)			
1	PSI 3731	Psychology of Work and Labour Relations	HPSG 3581 & HPSG 3582
2	PSI 3752	Consumer Psychology	HPSI 3631
Plus one (1) of the following courses			
1	PSG 3751	Career Psychology	HPSG 3581 & HPSG 3582
1	PSG 3711	Psychopathology	HPSG 3581 Co-requisite HPSG 3611
2	PSG 3772	Personality Theories	HPSG 3581 & HPSG 3582

Fourth Year Level

Students who want to have Industrial/Organizational Psychology as a DOUBLE MAJOR Must take the following two (2) compulsory courses during the 4 th year plus courses from the first major			
1	PSG 3871	Advanced Research Methods and Statistics	HPSG 3652
1	PSI 3871	Advanced Organizational / Personnel Psychology	HPSI 3631
Students further select one (1) from the following five (5) Courses below:			
1	PSG 3851	Positive Psychology	HPSG 3581 & HPSG 3582
1	PSI 3812	Psychology Intervention and Human Resources Development	HPSI 3631
2	PSY 3872	Development Psychology of Adulthood and Old Age	HPSG 3581, HPSG 3582 & HPSG 3611
1	PSI 3830	Psychological Assessment	HPSG 3581, HPSG 3582 & HPSG 3611
2	PSG 3852	Psychology, Ethics and the Law	HPSG 3581 & HPSG 3582
Students add fourth-year level courses of the first major subjects (4 courses = 80 credits)			

Course Descriptors

FIRST YEAR LEVEL

PSG 3581 Introduction to Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: The evolution of psychology; the research enterprise in psychology; the biological bases of behaviour; sensation and perception; variations of consciousness; learning; human memory; language and thought; intelligence and psychological testing; motivation and emotion; human development across the life span; personality; theory, research, and assessment; stress, coping and health; psychological disorders; treatment of psychological disorders; social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x2 hour examination paper)

PSG 3582 Social Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: Social basis of behaviour in a multicultural society; the self in a social world; social beliefs and judgements; attitudes; attribution; types of social influence; group behaviour and influence; leadership and decision making, prejudice and discrimination; aggression; affiliation, attraction and love; pro-social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 2 hour examination paper)

SECOND YEAR LEVEL

PSG 3611 Developmental Psychology of Childhood and Adolescence

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581 Introduction to Psychology

Content: The life-span; the science of life-span development; biological beginnings; prenatal development and birth; physical development in infancy; cognitive development in infancy; socio-emotional development in infancy; physical and cognitive development

in early childhood; socio-emotional development in early childhood; physical and cognitive development in middle and late childhood; socio-emotional development in middle and late childhood; physical and cognitive development in adolescence; socio-emotional development in adolescence.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3631 Organisational/Personnel Psychology

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581

Content: Personality and values, perceptions and individual decision making, emotions, and mood, work teams, leadership theories, communication, power and politics, organisational change, stress management.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3652 Research Methodology and Statistics

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581

Content: Importance of research methodology and statistics; descriptive and inferential statistics, terminology; population, sample, parameters, variables, scientific methods and research design, scales of measurement, graphs and frequency distributions, measures of central tendency, measure of variability/dispersion, transforming scores; inferential statistics, probability and hypothesis testing; correlations; analysis of variance and chi-square.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

THIRD YEAR LEVEL

PSI 3731 Psychology of Work and Labour Relations

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology* 3611 *De. Psychology of Childhood and Adolescence*

Content: Fields of study and practice areas in industrial and organisational psychology; motivation and emotion; attitudes and values; pro-social behaviours, aggression and conflict; group behaviour and other social processes in organizations; psychological well-being; psychological disorders and work-adjustment problems; the labour relationship; collective bargaining; discipline, dismissal and residual unfair labour practices; employment equity; dispute settlement; and industrial action.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3751 Consumer Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSI 3631 *Organizational / Personnel Psychology*

Content: Psychological theories of consumer behaviour; diversity of consumer behaviour and market segmentation; consumer needs and motivation; personality and consumer behaviour; consumer perception; the nature of consumer attitudes as well as consumer attitude formation and change; the influence of sub-cultures consumer behaviour, including cross-cultural consumer behaviour from an international perspective, consumer decision making, ethics in consumer psychology.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3751 Career Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology*

Content: Meaning and significance work; meaning of work in relation to other life roles/stages; career theories; topics related to career issues e.g. career counselling models; non-copying versus behaviours in careers; career decision process; career anchors; career patterns; work-family conflict; career plateauing; the effects of job loss on the individual.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3711 Psychopathology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and Co-requisite HPSG 3611 *De. Psychology of Childhood and Adolescence*

Content: Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3772 Personality Theories

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology* and HPSG 3582 *Social Psychology*

Content: Introduction to the study of personality; overview of assessment, theory and research in personality; standardization, reliability, validity and culture fairness in personality testing; psychoanalytical theory; other psychodynamic approaches, trait theories; life-span approaches, cognitive theories; behavioural theories, social learning theories; alternative approaches (e.g. African, Eastern perspectives).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

FOURTH YEAR LEVEL

PSG 3871 Advanced Research Methods and Statistics

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3652 Research Methods and Statistics*

Content: Importance of research methods and statistics; validity and reliability; hypotheses; fallacies in research; research ethics; literature review; sampling; instrument design and validation; qualitative measure; non-experimental designs, experimental and quasi-experimental designs; correlation and regression; t-test, multivariate statistics (including canonical analysis, multiple regression analysis, exploratory factor analysis, one-way analysis of variance, and multivariate analysis of variance, discriminant analysis); practical significance of results; interpretation of research results)

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSG 3851 Positive Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Introduction to positive psychology and the historical development; definitions and measures of well-being; effects of positive emotions on physical and psychological health; resilience as a human strength in the face of adversity; a review of hedonic happiness; money, happiness and culture; personal goals and the impact of motivations on health and happiness; self-regulation and self-control as critical components to achieve personally significant goals; positive personal traits, personality traits and self-conception influencing well-being; virtues and strengths, of character; positive psychology in organizations, positive psychology interventions.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSI 3871 Advanced Organizational /Personnel Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3772 Personality Theories*

Content: Employee motivation; leadership and power; group processes; cooperation and conflict; decision making; design and consequences of human resources policies; person-environment fit; personnel selection and assessment; employability and employee development; careers and job mobility.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSY 3872 Developmental Psychology of Adulthood and Old Age

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology PSG 3611 Developmental Psychology*

Content: Theories of human development from early adulthood through late adulthood/old age; aspects of human development i.e. physical/cognitive and social/personality development; marriage, divorce, employment, unemployment, retirement and death, contemporary issues that are, or may be relevant to adult development in general and to Namibian society in particular.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSI 3812 Psychological Intervention and Human Resource Development

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3631 Organizational/Personnel Psychology*

Content: Organizational intervention; human resources strategy/structure/culture; survey feedback; organisational development; compensation/reward management; performance management; group intervention, team building; integrative intervention (conflict between groups), sensitivity training; employee wellness; human resources development; training/coaching/mentoring/talent management.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSI 3830 Psychological Assessment

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology PSG 3611 Developmental Psychology*

Content: Overview of assessment; definitions and scope; history of psychological assessment; developing a psychological measure; cross-cultural test adaptation and translation; practice of psychological assessment; ethical standards; administering psychological assessment measures; assessment of young children, physical disabled and mentally handicapped individuals; assessment of cognitive functioning; measures of affective behaviour, adjustment, and well-being; personality assessment; career counselling; assessment use of assessment measures in various applied contexts; interpreting and reporting assessment results; factors affecting assessment results; future of psychological assessment.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

PSG 3852 Psychology, Ethics and the Law

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Psychological theories about human personality; ethical guidelines and legal issues related to psychology; the importance of ethics and law to psychological practice and clinical services; ethics and law in industrial/organizational settings; controversial and ethical dilemmas and legal implications; abuse of psychology; malpractices; introduction to Forensic Psychology and Criminal Psychology; Namibian laws and legislation relating to psychology.

Assessment: Continuous assessment 60%; Examination 40% (1 x 3 hour examination paper)

INDUSTRIAL / ORGANIZATIONAL PSYCHOLOGY (SINGLE MAJOR)

Introduction

The Department of Human Sciences offers Clinical Psychology and Industrial Psychology at undergraduate level. The BA Industrial/Organizational Psychology could be completed as a single major in Industrial/Organizational Psychology. Students who intend to do a single major at fourth – year level must apply to the Head of Psychology Section (in writing) before registration in their 4th year courses (i.e. single major) in Industrial/Organizational Psychology. The BA programme consists of a total of 36 courses (544 credits).

The purpose of this subject is to:

1. deliver general education in psychological knowledge;
2. emphasise a general basic psychological foundation;
3. enable graduates to deal with demands in the field of either clinical or industrial psychology;
4. expose students to a variety of psychology Courses to prepare them for further studies in either clinical or industrial psychology.

Subject Convenor: Mr F A Beukes (tel: 206 3270 – Email: fbbeukes@unam.na) / Dr W Pieters (tel. 206 3056 – Email: wpieters@unam.na)

Admission Requirements

The Faculty's general admission requirements apply (cf. C.1).

First Year Level

Curriculum Compilation

Students take the two (2) Courses below:		
Semester	Code	Course Title
1	PSG 3581	Introduction to Psychology
2	PSG 3582	Social Psychology

Second Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisite below.

Curriculum Compilation

Students take the three (3) Courses below:			
Semester	Code	Course Title	Prerequisite
1	PSG 3611	Developmental Psychology of Childhood and Adolescence	Co-requisite HPSG 3581
1	PSI 3631	Organisational/Personnel Psychology	Co-requisite HPSG 3581
2	PSG 3652	Research Methodology and Statistics	HPSG 3581

Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)

Third Year Level

Admission Requirements

1. The Faculty's Student Registration and Academic Advancement Rules apply (cf. C.4.3).
2. Note the course-specific prerequisites and advice to prospective single-major students below.

Curriculum Compilation

Semester	Code	Course Title	Prerequisite
Students who want to major in Industrial/Organizational Psychology as a SINGLE MAJOR Must take the following courses during the 3 rd year (3 courses = 48 credits), plus five courses from second major and minor subjects (5 courses = 80 credits)			
1	PSI 3731	Psychology of Work and Labour Relations	HPSG 3581 & HPSG 3582
2	PSI 3752	Consumer Psychology	HPSI 3631
2	PSG 3772	Personality Theories	HPSG 3581 & HPSG 3582

Students add second-year level courses of the second and third major subjects (6 courses = 96 credits)

Students who want to have Industrial/Organizational Psychology as a SINGLE MAJOR Must take all the courses below during the 4th year

1	PSG 3871	Advanced Research Methods and Statistics	HPSG 3652
1 & 2	PSI 3800	Research Project in Industrial / Organizational Psychology	Co-requisite PSG 3871
1	PSI 3871	Advanced Organizational/Personnel Psychology	HPSI 3631
1	PSG 3851	Positive Psychology	HPSG 3581 & HPSG 3582
2	PSI 3812	Psychological Intervention and Human Resources Development	HPSI 3631
1	PSI 3830	Psychological Assessment	HPSG 3581, HPSG 3582 & HPSG 3611
2	PSG 3852	Psychology, Ethics and the Law	HPSG 3581 & HPSG 3582
1	PSY 3872	Developmental Psychology of Adulthood and Old Age	HPSG 3581 & HPSG 3582

Course Descriptors

FIRST YEAR LEVEL

PSG 3581 Introduction to Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: The evolution of psychology; the research enterprise in psychology; the biological bases of behaviour; sensation and perception; variations of consciousness; learning; human memory; language and thought; intelligence and psychological testing; motivation and emotion; human development across the life span; personality; theory, research, and assessment; stress, coping and health; psychological disorders; treatment of psychological disorders; social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 2 hour examination paper)

PSG 3582 Social Psychology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Pre-requisite: None

Content: Social basis of behaviour in a multicultural society; the self in a social world; social beliefs and judgements; attitudes; attribution; types of social influence; group behaviour and influence; leadership and decision making, prejudice and discrimination; aggression; affiliation, attraction and love; pro-social behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 2 hour examination paper)

SECOND YEAR LEVEL

PSG 3611 Developmental Psychology of Childhood and Adolescence

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581 Introduction to Psychology

Content: The life-span; the science of life-span development; biological beginnings; prenatal development and birth; physical development in infancy; cognitive development in infancy; socio-emotional development in infancy; physical and cognitive development in early childhood; socio-emotional development in early childhood; physical and cognitive development in middle and late childhood; socio-emotional development in middle and late childhood; physical and cognitive development in adolescence; socio-emotional development in adolescence.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3631 Organisational/Personnel Psychology

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3581

Content: Personality and values, perceptions and individual decision making, emotions, and mood, work teams, leadership theories, communication, power and politics, organisational change, stress management.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3652 Research Methodology and Statistics

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581

Content: Importance of research methodology and statistics; descriptive and inferential statistics, terminology; population, sample, parameters, variables, scientific methods and research design, scales of measurement, graphs and frequency distributions, measures of central tendency, measure of variability/dispersion, transforming scores; inferential statistics, probability and hypothesis testing; correlations; analysis of variance and chi-square.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

THIRD YEAR LEVEL

PSI 3731 Psychology of Work and Labour Relations

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 Introduction to Psychology and HPSG 3582 Social Psychology 3611 De. Psychology of Childhood and Adolescence

Content: Fields of study and practice areas in industrial and organisational psychology; motivation and emotion; attitudes and values; pro-social behaviours, aggression and conflict; group behaviour and other social processes in organizations; psychological well-being;

psychological disorders and work-adjustment problems; the labour relationship; collective bargaining; discipline, dismissal and residual unfair labour practices; employment equity; dispute settlement; and industrial action.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3751 Consumer Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSI 3631 Organizational / Personnel Psychology*

Content: Psychological theories of consumer behaviour; diversity of consumer behaviour and market segmentation; consumer needs and motivation; personality and consumer behaviour; consumer perception; the nature of consumer attitudes as well as consumer attitude formation and change; the influence of sub-cultures consumer behaviour, including cross-cultural consumer behaviour from an international perspective, consumer decision making, ethics in consumer psychology.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3772 Personality Theories

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and HPSG 3582 Social Psychology*

Content: Introduction to the study of personality; overview of assessment, theory and research in personality; standardization, reliability, validity and culture fairness in personality testing; psychoanalytical theory; other psychodynamica approaches, trait theories; life-span approaches, cognitive theories; behavioural theories, social learning theories; alternative approaches (e.g.African, Eastern perspectives).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3751 Career Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and HPSG 3582 Social Psychology*

Content: Meaning and significance work; meaning of work in relation to other life roles/stages; career theories; topics related to career issues e.g. career counselling models; non-copying versus behaviours in careers; career decision process; career anchors; career patterns; work-family conflict; career plateauing; the effects of job loss on the individual.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3711 Psychopathology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology* and Co-requisite *HPSG 3611 De. Psychology of Childhood and Adolescence*

Content: Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3772 Personality Theories

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and HPSG 3582 Social Psychology*

Content: Introduction to the study of personality; overview of assessment, theory and research in personality; standardization, reliability, validity and culture fairness in personality testing; psychoanalytical theory; other psychodynamica approaches, trait theories; life-span approaches, cognitive theories; behavioural theories, social learning theories; alternative approaches (e.g.African, Eastern perspectives).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

FOURTH YEAR LEVEL

PSG 3871 Advanced Research Methods and Statistics

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3652 Research Methods and Statistics*

Content: Importance of research methods and statistics; validity and reliability; hypotheses; fallacies in research; research ethics; literature review; sampling; instrument design and validation; qualitative measure; non-experimental designs, experimental and quasi-experimental designs; correlation and regression; t-test, multivariate statistics (including canonical analysis, multiple regression analysis, exploratory factor analysis, one-way analysis of variance, and multivariate analysis of variance, discriminant analysis); practical significance of results; interpretation of research results)

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3851 Positive Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Introduction to positive psychology and the historical development; definitions and measures of well-being; effects of positive emotions on physical and psychological health; resilience as a human strength in the face of adversity; a review of hedonic happiness; money, happiness and culture; personal goals and the impact of motivations on health and happiness; self-regulation and self-control as

critical components to achieve personally significant goals; positive personal traits, personality traits and self-conception influencing well-being; virtues and strengths, of character; positive psychology in organizations, positive psychology interventions.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3871 Advanced Organizational /Personnel Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3772 *Personality Theories*

Content: Employee motivation; leadership and power; group processes; cooperation and conflict; decision making; design and consequences of human resources policies; person-environment fit; personnel selection and assessment; employability and employee development; careers and job mobility.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3872 Developmental Psychology of Adulthood and Old Age

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology and PSG 3582 Social Psychology* PSG 3611 *Developmental Psychology*

Content: Theories of human development from early adulthood through late adulthood/old age; aspects of human development i.e. physical/cognitive and social/personality development; marriage, divorce, employment, unemployment, retirement and death, contemporary issues that are, or may be relevant to adult development in general and to Namibian society in particular.

Assessment: Continuous assessment 60%: Examination 40% (1 x 3 hour examination paper)

PSI 3812 Psychological Intervention and Human Resource Development

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3631 *Organizational/Personnel Psychology*

Content: Organizational intervention; human resources strategy/structure/culture; survey feedback; organisational development; compensation/reward management; performance management; group intervention, team building; integrative intervention (conflict between group), sensitivity training; employee wellness; human resources development; training/coaching/mentoring/talent management.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3830 Psychological Assessment

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology and PSG 3582 Social Psychology* PSG 3611 *Developmental Psychology*

Content: Overview of assessment; definitions and scope; history of psychological assessment; developing a psychological measure; cross-cultural test adaptation and translation; practice of psychological assessment; ethical standards; administering psychological assessment measures; assessment of young children, physical disabled and mentally handicapped individuals; assessment of cognitive functioning; measures of affective behaviour, adjustment, and well-being; personality assessment; career counselling; assessment use of assessment measures in various applied contexts; interpreting and reporting assessment results; factors affecting assessment results; future of psychological assessment.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3852 Psychology, Ethics and the Law

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology and PSG 3582 Social Psychology*

Content: Psychological theories about human personality; ethical guidelines and legal issues related to psychology; the importance of ethics and law to psychological practice and clinical services; ethics and law in industrial/organizational settings; controversial and ethical dilemma and legal implications; abuse of psychology; malpractices; introduction to Forensic Psychology and Criminal Psychology; Namibian laws and legislation relating to psychology.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3800 Research Project in Industrial / Organizational Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 2 hours/week over 14 weeks = 56 contact hours

Co-requisite: HPSG 3871 *Advanced Research Methods and Statistics*

Content: Use of the library and internet resources; writing a proposal; validity & reliability; sampling techniques; data collection; selecting data analysis

techniques; APA referencing style; scientific report writing.

Assessment: Continuous assessment 100

E.9.1 Introduction

Social work is a profession dedicated to enhancing human capacity to solve complex social problems in order to create a more humane and just society. It is a profession that supports individuals, families, groups and communities in a changing society and creates social conditions favourable to the wellbeing of people and society. One of the cornerstones of social work practice is the focus on the strengths, as opposed to the shortcomings, of individuals, families and communities so that these can be deployed to find innovative solutions for complex social problems. The profession is characterised by a steadfast commitment towards social development and social justice in the service of empowering individuals, families and communities to meet their needs.

Social work focuses on releasing human power in individuals to reach their potential and contribute to the collective good of society; it emphasizes releasing social power to create changes in society, social institutions, and social policy, which in turn create opportunities for individuals. Social work practitioners work with people in ways that strengthen their sense of competence, link them with needed resources, and promote organisational and institutional change so that the structures of society respond to the needs of all societal members (NASW, 1981). Additionally, social workers engage in research to contribute to social work theory and evaluate practice methods.

The four-year Bachelor of Arts in Social Work (Honours) is an intensive course with theory and field practice. The uniqueness of this programme is that students are exposed to intensive experimental learning through the Field Education Programme. Thus, students have the opportunity to work directly with community field partners, getting on the ground experience and offering countless hours of capacity to those organisations. The training under this programme is regulated by the Social Work and Psychology Act, No. 6 of 2004 and satisfies the professional and legal requirements for registration as a social worker with the Health Professions Council of Namibia which is a requirement for continued registration in the course. The social work programme aims to provide students with the necessary knowledge, skills and understanding to deal positively with problems that arise in the interaction between people and their environment and to empower those involved to deal with their problems in a self-reliant way. Students in this programme are diverse, representing a spectrum of cultures and life experiences. That range of differences enriches the classroom by creating a learning community that enhance growth and learning in an intellectually stimulating and culturally responsive environment. The transition from a student to a professional is carefully moulded by a group of qualified and experienced faculty.

The training under this programme is regulated by the Social Work and Psychology Act, No. 6 of 2004 and satisfies the professional and legal requirements for registration as a social worker with the Health Professions Council of Namibia which is a requirement for continued registration in the course.

Few professions offer more diverse employment opportunities than social work. Social workers serve as counsellors (e.g., in adoption, bereavement, domestic violence, vocational and rehabilitation, hospice, mental health, substance abuse, youth services); as service coordinators and case managers (e.g., in health care, child welfare, housing, human resources, public affairs, student life, employee assistance programs); as therapists (e.g., child, adolescent, marriage and family); as administrators in public and private human service agencies; as community development workers, public policy analysts; and in juvenile and adult justice systems, to name a few. Social workers are found in governmental agencies, private institutions, as well as in voluntary welfare organisations and non-governmental organisations.

Programme Convenor: Dr J. Ananias; Tel: 061-2063713; jananias@unam.na

E.9.2 Exit Objectives

Holders of this qualification demonstrate the following competencies:

1. Apply social work ethical principles to guide professional practice;
2. Apply critical thinking to inform and communicate professional judgments;
3. Adopt a strengths-based perspective that respects diversity and takes into account a person in environment framework;
4. Advance human rights and social and economic justice;
5. Respond to contexts that shape practice;
6. Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, communities, and policies; and,
7. Engage in evidence based practice and a process of monitoring and evaluation.

E.9.3 Admission**E.5.3.1**

To register for an undergraduate degree programme a candidate must hold a valid Namibian Senior Secondary Certificate (NSSC) or a recognised equivalent qualification.

A candidate should obtain a minimum of 25 points on the UNAM Evaluation Point Scale in his/her five (5) best subjects (of which English must be one) to be admitted to undergraduate studies (**General Admission Criteria for Undergraduate Programmes in the General Information and Regulations Prospectus**).

English is a compulsory subject and should normally have been obtained as English as a Second Language at NSSCO level with a minimum C symbol, or English as a First Language at NSSCO level with a minimum D symbol.

Obtaining the minimum number of points, however, **does not necessarily ensure admission. Admission is based on places available in courses, subjects, and programmes and is awarded on the basis of merit.**

E.5.3.2

Applicants can also apply through mature age entry scheme as stipulated in the General Information and Regulations Prospectus.

In addition to the above criteria (E.3.1 and E.3.2), a pre-selection screening is undertaken by the Department of Social Work to determine the suitability of the prospective student for the Social Work Programme. Once admitted to the Social Work Programme it is a legal requirement that students register with the Health Professional Council of Namibia as regulated by the Social Work and Psychology Act No. 6 of 2004.

Applicants should not have any criminal record and should submit a Certificate of Conduct issued by the Namibian Police.

E.9.3.3 Minimum Requirements for Re-admission into the Faculty

Re-Admission Regulations

To be re-admitted to the Faculty of Humanities and Social Sciences for a particular year of registration, a student must have obtained the minimum number of credits required as indicated below:

- The equivalent of 48 credits by the end of the first year: of these, at least 36 credits must be non-core
- The equivalent of 112 credits by the end of the second year
- The equivalent of 208 credits by the end of the third year
- The equivalent of 320 credits by the end of the fourth year
- The equivalent of 432 credits by the end of the fifth year

E.9.3.4 Advancement and Progression rules

A student advances to the following academic level of study when at least 2/3 of the courses of the curriculum for a specific year have been passed. If a student passed only 1/3 of the full curriculum of a specific year, he/she may not register for any courses of the following year. In all cases, prerequisites for courses have to be passed before a student can proceed to register for courses that require prerequisites.

E.5.3.4.1 To advance to the second year a student must have passed at least 96 credits.

A student who has passed at least 56 (but less than 96) first year credits, will be allowed to register for a maximum of 48 second year credits (in addition to the failed courses) provided that the relevant pre-requisites have been passed.

E.5.3.4.2 To advance to the third year of the programme a student must have passed a total of 240 credits.

A student, who has passed less than 240 credits, will be allowed to register for a maximum of 48 credits per semester (including the failed courses) provided that the relevant pre-requisites have been passed.

E.5.3.4.3 To advance to the fourth year of the programme a student must have passed a total of at least 384 credits.

A student, who did not pass at least 384 credits, will be allowed to register for a maximum of 48 credits per semester (including the failed courses) provided that the relevant pre-requisites have been passed. Students can only register for the Professional Social Work practice course if all first, second, third and fourth (Semester 1) courses have been passed.

E.9.3.5 Maximum credits of courses per year

Subject to the Advancement and Progression Rules, no student will be allowed to register for more than the following credit equivalents per year:

Year 1 : 144 credits

Year 2 - 6: prescribed curriculum and a maximum of 32 failed credits, provided that the total number of credits in a particular year of registration does not exceed 168 credits.

E.9.4 Curriculum Compilation

E.9.4.1 Overall Structure

E.5.4.1.1

The BA (Social Work) degree is a specialised qualification with a fixed prescribed curriculum, consisting of a total of 36 Courses (544 credits) at the various year levels, including the University Core Curriculum Courses at first year level, all of which a student must pass in order to graduate (cf. C.4.2.1).

E.5.4.1.2

The overall structure of the BA (Social Work) degree programme can be schematically represented as follows:

Year Level	Number of Courses	Credit Equivalent
<i>First year level</i>	<i>11 Courses*</i>	<i>144 credits</i>
<i>Second year level</i>	<i>9 Courses</i>	<i>144 credits</i>
<i>Third year level</i>	<i>8 Courses</i>	<i>128 credits</i>
<i>Fourth year level</i>	<i>7 Courses</i>	<i>128 credits</i>
Total:	36 Courses	544 credits

* including three (3) courses in the University Core Curriculum, consisting of two (2) courses and two (2) half-courses (cf. C.4.3.1).

E.5.4.1.3

Courses/credits are not horizontally, vertically or laterally transferable.

E.9.4.2 First Year Level

Curriculum Compilation

At first year level students take the University Core Curriculum Courses and the required Social Work Courses. The first year curriculum of a student registered in the BA (Social Work) degree programme will therefore consist of the equivalent of eleven (11) Courses (144 credits), compiled as follows:

Subject	Courses	Credits
University Core Curriculum (cf. C.4.3.1)	3*	48
Social Work at first year level	8	128
Total	11	144

* two (2) Courses and two (2) half-Courses (cf. C.4.3.1)

Curriculum

Important: Students should note that a pass in certain first year level Courses below are required for admission to certain Courses at subsequent year levels.

E.9.4.3 First Year Level

Course code	Course name	NQF Level	Credits	Contact time	Compulsory [C] /Elective[E]	(Co-requisite)/ Pre-requisite
Year 1 Semester 1						
CLC 3509	Computer Literacy (half Course)	5	8	2hrs p/w for 14 weeks	C	None
LCE 3419	English Communication & Study Skills	4	16	4hrs p/w for 14 weeks	C	None
CSI 3580	Contemporary Social Issues	5	4	1hrs p/w for 28 weeks	C	None
SOW 3581	Introduction to Social Work	5	12	3hrs p/w for 14 weeks	C	None
SWK 3581	Skills for Professional Social Work	5	12	3hrs p/w for 14 weeks	C	None
PSG 3581	Introduction to Psychology	5	12	3hrs p/w for 14 weeks	C	None
SOG 3581	Foundations of Sociology	5	12	3hrs p/w for 14 weeks	C	None
Total credits for Semester 1			76			
Year 1 Semester 2						
LEA 3519	English for Academic Purposes	5	16	4hrs p/w for 14 weeks	C	None
CSI 3580	Contemporary Social Issues	5	4	1hrs p/w for 28 weeks	C	None
SOW 3582	Foundations of Communication	5	12	3hrs p/w for 14 weeks	C	None
SWK 3582	Foundations of Social Welfare	5	12	3hrs p/w for 14 weeks	C	None
SWA 3592	Introduction to Social Work Practice	5	12	3hrs p/w for 14 weeks	C	None
SOG 3582	Basics of Sociology	5	12	3hrs p/w for 14 weeks	C	None
Total credits for Semester 2			68			
TOTAL CREDITS YEAR 1			144			

E.9.4.4 Second Year Level

Course code	Course name	NQF Level	Credits	Contact time	Compulsory [C] /Elective[E]	(Co-requisite)/ Pre-requisite
Year 2 Semester 1						
SOW 3611	Applied Social Work Practice I	6	16	4hrs p/w for 14 weeks	C	None
SWA 3621	Community Practice I	6	16	4hrs p/w for 14 weeks	C	None
SOW 3631	Group Practice I	6	16	4hrs p/w for 14 weeks	C	None
PSG 3611	Developmental Psychology	6	16	4hrs p/w for 14 weeks	C	PSG 3581
Total credits for Semester 1			64			

Year 2	Semester 2						
SOW 3612	Applied Social Work Practice II	6	16	4hrs p/w for 14 weeks	C	None	
SWA 3652	Community Practice II	6	16	4hrs p/w for 14 weeks	C	None	
SOW 3652	Group Practice II	6	16	4hrs p/w for 14 weeks	C	None	
SWA 3632	Social Work Organizational Development	6	16	4hrs p/w for 14 weeks	C	None	
SWK 3612	Social Welfare Policy and Law	6	16	4hrs p/w for 14 weeks	C	None	
Total credits for Semester 2			80				
TOTAL CREDITS YEAR 2			144				

E.9.4.5 Third Year Level

Year 3	Semester 1						
All students register for the following compulsory courses.							
SOW 3771	Palliative Care	7	16	4hrs p/w for 14 weeks	C	None	
SOW 3731	Social Change Strategies	7	16	4hrs p/w for 14 weeks	C	None	
SWA 3710	Generalist Practice	7	16	2hrs lecture & 8hrs practice p/w for 14 weeks	C	Pre-requisite SOW 3611; SOW 3612	
GROUP A: Students further select ONLY one course							
SWA 3711	Mental Health Approaches	7	16	4hrs p/w for 14 weeks	E	PSG 3581	
PSG 3711	Psychopathology	7	16	4hrs p/w for 14 weeks	E	PSG 3581	
Total credits for Semester 1			64				
Year 3	Semester 2						
All students register for the following compulsory courses.							
SOW 3712	Trauma and vulnerability Practice	7	16	4hrs p/w for 14 weeks	C	None	
SOW 3772	Social Work Research Methods	7	16	4hrs p/w for 14 weeks	C	None	
SOW 3752	Case Management	7	16	4hrs p/w for 14 weeks	C	None	
SWA 3710	Generalist Practice	7	16	2hrs lecture & 8hrs practice p/w for 14 weeks	C	Pre-requisite SOW 3611; SOW 3612	
Total credits for Semester 2			64				
TOTAL CREDITS YEAR 3			128				

E.9.4.6 Fourth Year Level

Year 4	Semester 1						
SOW 3811	Specialised Methods and Fields I	8	16	4hrs p/w for 14 weeks	C	None	
SOW 3831	Specialised Methods and Fields II	8	16	4hrs p/w for 14 weeks	C	None	
SOW 3851	Specialised Methods and Fields III	8	16	4hrs p/w for 14 weeks	C	None	
SOW 3801	Monitoring and Evaluation	8	8	2hrs p/w for 14 weeks	C	None	
SOW 3810	Research Project in Social Work	8	16	1hr lecture & 1hr research & writing p/w for 14 weeks	C	SOW3772	
Total credits for Semester 1			72				
Year 4	Semester 2						
SOW 3822	Leadership and Ethics in Human Services	8	8	2hrs p/w for 14 weeks	C	None	
SWA 3872	Professional Social Work Practice	8	32	40hrs practice p/w for 18 weeks	C	SOW3811, SOW3831, SOW3851; SOW3871	
SOW 3810	Research Project in Social Work	8	16	1hr lecture & 1hr research & writing p/w for 14 weeks	C	SOW 3772	
Total credits for Semester 2			56				
TOTAL CREDITS YEAR 4			128				
TOTAL AVAILABLE CREDITS			544				

Year One: Semester One

SOW 3581 Introduction to Social Work

Proposed NQF Level: Credits: 12 Contact Hours: 3 hours/week over 14 weeks = 42 contact hours

Content: It is significant for students who enrol in the social work program to know the purpose of the social work profession. The course emphasizes social work as a value-based profession and thus nurtures students to develop professional attitudes and behaviours. Additionally, the course helps students to recognize different frameworks that influence the profession. The course introduces the student to the historical contributions that shaped the social work profession both internationally and in Namibia, explores the different roles and functions of social workers, distinguishes between social work and social welfare and clarify how social work differs from charity work, and other social science disciplines psychology and sociology. It also introduces students to the different methods of social work intervention, namely the micro, mezzo and macro levels of intervention. The course will introduce students to the values and standards of the Social Work profession, knowledge base for practice, and circumstances in which social workers operate. Students will further develop an understanding of the role of the International Federation of Social Workers, Health Professions Council of Namibia (HPCNA) and Namibia Social Workers Association of Namibia (NASWA).

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SWK 3581 Skills for Professional Social Work

Proposed NQF Level: 5 Credits: 12 Contact Hours: 3 hours/week over 14 weeks = 42 contact hours

Content: This course seeks to enhance the physical, cognitive, emotional and character requirements necessary to participate fully in all aspects of social work education and the practice of social work. Self-awareness and personal development is an important element in any helping profession. Hence opportunities for self-awareness will be provided for students with the use of basic personality assessment test and reflective exercises. It will provide first year students with all the key information and strategies needed to develop appropriate reflective writing skills. In addition, various forms of report writing in social work practice such as process reports and professional reports to the court of law will be covered.

In addition to lectures in class the students will be also be exposed to the following in this course:

1. visits to social welfare institutions;
2. practising observational skills during the visits to institutions;
3. practicing reflective thinking skills;
4. compiling professional reports.

Assessment: This course is 100% continuous assessment.

PSG 3581 Introduction to Psychology

Proposed NQF Level: 5 Credits: 12 Contact Hours: 3 hours/week over 14 weeks = 42 contact hours

Content: The evolution of psychology; the research enterprise in psychology; the biological bases of behaviour; sensation and perception; variations of consciousness; learning; human memory; language and thought; intelligence and psychological testing; motivation and emotion; human development across the life span; personality; theory, research, and assessment; stress, coping and, health; psychological disorders; treatment of psychological disorders; social behaviour.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SOG 3581 Foundations of Sociology

Proposed NQF Level: 5 Credits: 12 Contact Hours: 3 hours/week over 14 weeks = 42 contact hours

Content: This introductory course emphasises the link between the theoretical body of sociology and its methodological implementation. It introduces the student with the basic research and theoretical paradigms of the discipline. At the same time, it familiarises the student with the foundational knowledge and instruments of social research, and with a relevant understanding of sociological theory and how it is used to organise and guide social research activities. This first of four methodological courses in sociology intends to strengthen the student's research abilities and theoretical thinking. Research skills are increasingly demanded in the Namibian labour market, reflecting the broad developmental needs of post-independence Namibian society.

Themes covered: Sociological theory: what is sociology; what is social theory; sociological traditions; main paradigms: positivism and functionalism, symbolic interactionism, Marxism; structuralism; post-structuralism including discourse theory; structuration, race, class, gender and ethnicity; social institutions: family, education and media; globalisation and self-identity and social identity. Social research: sources of knowledge; criteria for judging good research; purpose of social research, research goals; types of social research; key concepts; research ethics; instruments: measurement, sampling; sources of data; the research process; research proposal.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SOW 3582 Foundations of Communication

Credits: 12 Contact Hours: 3 hours/week over 14 weeks = 42 contact hours

Content: The course is designed to develop students understanding of empathy and authenticity and how this is conveyed through verbal and non-verbal behaviours. Topics to be covered in the course includes, theories and skills that direct social work practitioners; three phases of the helping process; interviewing process, structure and skills; communicating informed consent, confidentiality and agency policies; developing perspectives to feelings; client statements, authenticity and assertiveness; and verbal following, exploring and focussing skills.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SWK 3582 Foundations of Social Welfare

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Content: This course builds from the Introduction to Social Work to develop students understanding of social welfare and social development macro practice. Students analyse the historical evolution of social welfare from the origins of charity work and the 'deserving poor' to present day conceptualizations of social development. The course explores the Green Paper on developmental social welfare in Namibia, the social development practice model, and innovative social development practices.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SOG 3582 Basics of Sociology

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours

Content: This introductory course emphasises the link between the theoretical body of sociology and its methodological implementation. It acquaints the student with the basic paradigms of the discipline. At the same time, it familiarises the student with the basic knowledge and instruments of social research. With this first out of four methodological Courses, the new sociology curriculum intends to strengthen the student's research abilities. Such faculties are increasingly on request on the Namibian labour market, reflecting the broad developmental efforts of post-independence Namibian society. Themes covered: sociological sub-disciplines; main paradigms: functionalism, interactionism, Marxism; post-structuralism; race, class, gender and ethnicity; social institutions: family, education and media. Social research: sources of knowledge; criteria for judging good research; purpose of social research, research goals; types of social research; key concepts; research ethics; instruments: measurement, sampling; sources of data; the research process; and research proposals.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SWA 3592 Introduction to Social Work Practice

Proposed NQF Level: 5 **Credits:** 12 **Contact Hours:** 3 hours/week over 14 weeks = 42 contact hours (2 hours class time and 1 hour voluntary service learning)

Content: The course provides an opportunity for students to explore the world of practice and find social work meaning in everyday life. Students will learn about the mission of the agency and gain exposure to direct service provision; critically reflect on their observations, and learn through in-class and online discussions. This is NOT a social work practicum (internship) but more an opportunity for students to gain exposure to social service/non-profit work in the local community and an excellent opportunity to explore areas of interest. The students should also be exposed to the following in this course:

- Engagement with a child in need of care, who is taken on as a little brother or sister by the student;
- Practicing how to present themselves to clients and what effect they have on people.
- Establish a professional relationship with a child,
- Compiling of professional process notes and reports

Assessment: This is 100% continuous assessment course comprising of written reports and oral presentations.

Second Year Level

SOW 3611 Applied Social Work Practice 1

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: None

Content: This module covers parts of the helping process in social work, which builds on the material covered in the Year 1 direct practice foundation. The course equips students with knowledge and skills on the multidimensional assessment of an individual and family as a client system. In addition, students are introduced to knowledge and skills on the exploration and assessment of client problems, development of goals and contracts, and the measuring and evaluation of goals as well as the formulation of contracts as part of the helping process. Furthermore, students are enabled to assess client systems strengths and how to integrate the possible attributes of the client into the helping process in order to achieve the best results. Students must undertake a 30-hour block practicum at any welfare organisation during the mid-semester break. The aim of the block practicum is to provide students with an opportunity to shadow experienced practicing social workers in their conduct of professional social work.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SOW 3631 Group Practice 1

Proposed NQF Level: 6 **Credit:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course seeks to develop students' understanding of group work as one of the methods in social work. It explores the concept of group work, the historical development of group work practice, understanding theories on group dynamics and group leadership.

Furthermore, the course introduces the students to the various phases in the evolution of a group and the application of group work theory to various populations. Special emphasis will be placed on ethical and legal issues in group counselling.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SWA 3621 Community Practice 1

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: None

Content: This course aims to familiarise and equip students with the knowledge, theory, skills and values needed to pursue and implement macro-level interventions geared towards the promotion of community advancement. The course provides a definition of community work; individual (case work) and group skills used in community work; and the roles of the social worker in macro practice. Furthermore, students will be introduced to the macro change process.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour paper).

PSG 3611 Developmental Psychology of Childhood and Adolescence

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 Introduction to Psychology

Content: This course introduces students to different theoretical approaches of developmental psychology, with specific reference to childhood and adolescence. Themes to be addressed include: theories of development; intellectual/cognitive development, physical development and socio-emotional development.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SOW 3612 Applied Social Work Practice II

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course builds on Applied Social Work Practice 1 and introduces the student to techniques for interventions with individuals and families at an advanced level. It is a clinical course and focuses on the narrative therapy, first order techniques, second order techniques and how to conduct family therapy.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SOW 3652 Group practice II

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: The course is a continuation of Group Practice I and extends the students' understanding regarding strategies and skills for counselling and therapeutic interventions with groups. Furthermore, this course presents an overview of the various theoretical models and approaches in group work that forms the basis of group techniques. Students will be exposed to co-facilitating an educational group through a practical exposition.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SWA 3652 Community Practice II

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course continues to build students' knowledge and skills to organize, mobilize, and effectively impact community change. Students will be introduced to the ethics in community work; developing and managing agency resources as well as the nature and application of different practice models of community work.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SWA 3632 Social Work Organizational Development

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: Social workers play a key role as administrators and managers of human services. The course will amongst others describe social work management; differentiate between not-for-profit organizations (human service/welfare organisations), public and private agencies; development of mission and vision statements, and organisational structures. Legislative requirements registration as a welfare organisation, and or residential care facility in Namibia will also be covered. In addition, the course will explain supervision and different elements of supervision including job descriptions, supervisory meetings, work plans and performance appraisals.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SWK 3612 Social Welfare Policy and Law

Proposed NQF Level: 6 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course introduces students to relevant global mandates such as the UN Declaration on Human Rights as well as local Namibian legislation relevant to social work practice. It builds directly from the Foundations of Social Welfare and provides students with a basic

understanding of the historical development of Namibian law, sources of law and human rights. It further introduces students' to the law-making process and basic understanding of the administration of justice in Namibia. It focuses on issues such as the Namibian court systems, court structures, court procedures, the legal profession and social work practice within the legal framework. Furthermore, the course will enable students to explore the content of laws relevant to the social work practice.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour paper).

Thirt Year Level

SOW 3771 Palliative Care

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: The course explores the guiding principles of palliative care/service to enhance the quality of life of the patient and the family and to work effectively as part of the healthcare team. It explores different models of palliative care, guidelines for care plans, and ethical considerations in palliative care. The course enhances students' self-awareness and effective communication skills with the patient and the family. It encourages active participation through practical case studies to ensure that students are confident in their role as social workers in the holistic assessment, management of needs of the patients and their families and the treatment and care planning process.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper).

SOW 3731 Social Change Strategies

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: Social workers are confronted day to day with social, economic, and structural matters that affect people's lives yet face conceptual and practical constraints when seeking solutions. This course utilises a problem-based learning approach to examine diverse problems and diverse strategies used by persons, communities or entities to address contemporary challenges. This approach seeks to introduce students to entrepreneurial concepts, and skills, encourage students to think out of the box through self-directed learning, and effective collaboration skills based on community resources.

Assessment: This course is a 100% continuous assessment.

SWA 3710 Generalist Practice

Proposed NQF Level: 7 **Credits:** 32 **Contact Hours:** 2 hours/week lectures and 8 hours of field practicum p/week over 28 weeks = 280 total hours

Prerequisites: Applied Social Work Practice I (SOW 3611) & Applied Social Work Practice II (SOW3612)

Content: The course is designed to presents opportunity for the application of social work theory, examination of values and development of skills for beginning level practice. As generalist social workers, students will work with a variety of human systems—societies, communities, organisations, formal groups, families, and individuals—to create changes that maximise human system functioning. This double-semester (year) course will enable students to work directly with client systems at all levels, connect clients to available resources, intervene with organisations to enhance the responsiveness of resource systems, advocate just social policies to ensure the equitable distribution of resources and research all aspects of social work practice.

Students will be assigned to a supervised placement within an organisation or community and complete 8 hours per week in the setting. They are required to undertake casework (4 cases, with a minimum of 4 contacts/interviews), one group project (minimum eight sessions) and one community work project using the macro change process. Additionally, 2-hours of classroom time will be spent debriefing student experience through group supervision and other instructor driven activities.

Assessment: This is a 100% continuous assessment course comprising process reports and oral presentations.

ELECTIVES:

SWA 3711 Mental Health Approaches

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: Namibia's mental health services system is burgeoning and greater awareness of the need for greater attention and services is growing. This course lays a critical foundation of understanding for a population that is often stigmatized and marginalised. It assists students in learning to assess a set of prominent disorders (such as depression, drug/alcohol dependence, anxiety and schizophrenia) according to a risk and resilience model and the DSM classification system. The course also explores the range of potential evidence based treatment options for these disorders particularly those which are community-and empirically-based.

The course will also introduce students to the multidisciplinary treatment team approach in the Namibian mental health treatment. The roles of the members of the multidisciplinary team will be explored with a focus on the role of the social worker.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

PSG 3711 Psychopathology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: PSG 3581

Content: Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SOW 3752 Case Management

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course exposes the student on how to function in a rapidly changing world of resource limitation, communication capabilities, and service coordination. It specifically builds on the foundation of direct practice knowledge and skills derived from Foundations of Communication and Introduction to Social Work Practice in Year 1 and Applied Social Work Practice I and II courses in Year 2. The course explores the history and advancement of case management and care/service coordination; the models of case management; application of the theory of change; service delivery planning and coordination and ethical considerations in case management.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour paper).

SOW 3712 Trauma and Vulnerability Practice

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: The course is designed to increase student's knowledge of the range of potentially traumatic experiences to which human beings are exposed and the spectrum of human responses to traumatic events. The risk of exposure to traumatic events in Namibia has increased for cases such as car accidents, sexual violence, domestic violence, HIV infection etc. Social Workers are expected to intervene by providing psycho-social support and coordinate service provision to affected individuals, groups and communities. Themes to be examined include: the meaning of trauma and traumatic events; effects of trauma; assessing trauma and posttraumatic support. Trauma Theory which provides a framework for relevant clinical interventions will be explored during this course.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour paper).

SOW 3772 Social Work Research Methods

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: The social work profession is grounded in theory and empirically-based practice. This course provides an overview of quantitative / qualitative methodology including designs, sampling, data collection and basic descriptive statistics. Students should be able to identify these various elements in scholarly articles to enable more effective consumption of literature that can improve social work practice.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

Fourth Year Level

SOW 3811 Specialised Methods and Fields I

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course forms part of the three Specialised methods and fields series called Capita Selecta, which allows the BASW programme greater responsiveness and flexibility to the meet the demands of local context and workforce need and respond to stakeholder input as well as student needs. Each year the selection of the course content may differ but each is expected to provide practice knowledge and skills building on the generalist foundation from the first three years of the program. The selection of course topics include: Gender Based Violence, HIV and AIDS, Gender and Culture, Infanticide and Baby Dumping, Suicide, Supervision, Planning and Budgeting, Practice in the Corrections System, Advanced Mental Health Practice, Gerontology, Disaster Management, etc.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SOW 3831 Specialised Methods and Fields II

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course forms part of the three Specialised methods and fields series called Capita Selecta, which allows the BASW programme greater responsiveness and flexibility to the meet the demands of local context and workforce need and respond to stakeholder input as well as student needs. Each year the selection of the course content may differ but each is expected to provide practice knowledge and skills building on the generalist foundation from the first three years of the program. The selection of course topics include: Gender Based Violence, HIV and AIDS, Gender and Culture, Infanticide and Baby Dumping, Suicide, Supervision, Planning and Budgeting, Practice in the Corrections System, Advanced Mental Health Practice, Gerontology, Disaster Management, etc.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SOW 3851 Specialised Methods and Fields III

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisites: None

Content: This course forms part of the three Specialised methods and fields series called Capita Selecta, which allows the BASW programme greater responsiveness and flexibility to meet the demands of local context and workforce need and respond to stakeholder input as well as student needs. Each year the selection of the course content may differ but each is expected to provide practice knowledge and skills building on the generalist foundation from the first three years of the program. The selection of course topics include: Gender Based Violence, HIV and AIDS, Gender and Culture, Infanticide and Baby Dumping, Suicide, Supervision, Planning and Budgeting, Practice in the Corrections System, Advanced Mental Health Practice, Gerontology, Disaster Management, etc.

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SOW 3801 Monitoring and Evaluation

Proposed NQF Level: 8 **Credits:** 8 **Contact Hours:** 2 hours/week over 14 weeks = 28 contact hours

Prerequisites: SOW 3772 Social Work Research Methods

Content: The social work profession is based on an empirical foundation of knowledge. Practitioners are expected to implement services, programs and policies that are effective. This course is designed for students to gain greater knowledge and skills to monitor and evaluation practice and ensure that resources are being used efficaciously. This problem based learning course will utilize case studies to apply the research knowledge that was developed in Year 3 to examine processes and tools to assess effectiveness. .

Assessment: Continuous assessment 60% and Examination 40% (1 x 3 hour examination paper)

SOW 3822 Leadership and Ethics in Human Services

Proposed NQF Level: 8 **Credits:** 8 **Contact Hours:** 2 hours/week over 14 weeks= 28 contact hours

Prerequisites: None

Content: This course equips students with knowledge to begin to develop an effective style of leadership to impact greater social change. Students examine a set of distinct styles of leadership and distinguish between their attributes and application in various settings. The course provides an opportunity for critical self-reflection of students' values, influences and behaviours pertaining to leadership.

Assessment: Continuous assessment 100%

SWA 3872 Professional Social Work/Internship

Proposed NQF Level: 8 **Credits:** 32 **Contact Hours:** 40 hours practice p/w over 18 weeks = 720 contact hours

Prerequisite: SOW 3811, SOW 3831, SOW 3851 &SOW3871

Content: For this course students are assigned to an accredited social welfare organisation for 720 hours of block practice. This practical course allows students to experience full-time work for 720 hours in an assigned social welfare organisation. Students work with their assigned placement supervisor to create a learning plan. This learning plan will include mentored opportunities to practice the knowledge, skills and values obtained over the four years of training. Students will have the opportunity to continue to develop essential skills required by professional social workers, including application of social work values and ethics; leadership skills; professional work habits and record-keeping skills.

Assessment: This is a 100% continuous assessment course. Assessment consists of professional written reports from social work intervention with individuals, families, groups and communities. In addition, there will be professional practice evaluations by field supervisor field visit assessments and oral presentations.

SOW 3810 Research Project in Social Work

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 1 hour lecture & 1 hour research & writing p/w over 28 weeks = 56 contact hours

Prerequisites:

Content: The course requires the student to undertake an empirical research study in the field of social work by applying social science research design (qualitative/ quantitative) methods and processes.

Assessment: This is a 100% continuous assessment course. It is required that students submit three assignments which weighs 80% and participate in class activities related to development of a research proposal and data collection which weighs 20%. The assignments include a research proposal (20%), data collection and analysis chapter (30%) conclusion and recommendations chapter (20%) and a 10% for the final submission of the research report.

BACHELOR OF PSYCHOLOGY (PROFESSIONAL DEGREE) PHASING OUT AS OF 2023 (13BPSY)

INTRODUCTION

The purpose of this programme is to:

1. deliver a comprehensive education in psychological knowledge;
2. give special emphasis to a general basic psychological foundation;
3. enable graduates to deal with the demands of the different fields in psychology, such as clinical and industrial psychology;
4. equip graduates with the knowledge to enable them to assess the psychological needs of individuals, groups, communities and organisations;
5. enable graduates to provide appropriate psychological interventions or to refer these client systems to other professionals;
6. equip students with the knowledge and skills required for an internship in either industrial psychology or clinical psychology;
7. equip students with the fundamental knowledge and skills required for the professional accreditation examination of the Council for Social Work and Psychology.

E.12.2 ADMISSION

Refer to **C.1 Admission** under **C. Regulations Pertaining to Undergraduate Studies in the Faculty** in this yearbook.

E.7.2.2

Students who intend to graduate with a BPsych degree are required to register for a Bachelor's degree programme that allows them to study *Psychology* at the first and second year levels (e.g. the BA programme – cf. E.1). This entails that such students follow the normal programme for said Bachelor's degree up to the end of the second year level, by which time they should have passed all first and second year level Courses in *Psychology* (cf. E.1.3.1) plus the required Courses in the other subjects that make up said programme up to second year level.

Students who comply with the above requirements will undergo a selection process at the end of the second year of study.

Notes

1. A maximum of fourteen (14) candidates will be admitted to the BPsych programme per intake.
2. The BPsych programme will only be offered if a minimum of ten (10) admitted students have registered.

E.12.3 Curriculum Compilation

E.12.3.1 Overall Structure

E.7.3.1.1

The BPsych degree is a specialised professional qualification with a fixed prescribed curriculum from the third year level onwards, consisting of a total of 36 *Courses* (544 credits) at the various year levels, including the University Core Curriculum Courses at first year level and the first and second year level Courses of the Bachelor's degree programme taken prior to admission to the programme, all of which a student must pass in order to graduate (cf. C.4.2.1).

E.7.3.1.2

The overall structure of the BPsych degree programme can be schematically represented as follows:

Year Level	Number of Courses	Credit Equivalent
First year level	11 <i>Courses</i> *	144 credits
Second year level	9 <i>Courses</i>	144 credits
Third year level	8 <i>Courses</i>	128 credits
Fourth year level	8 <i>Courses</i>	128 credits
Total:	36 <i>Courses</i>	544 credits

* including three (3) *Courses* in the University Core Curriculum, consisting of two (2) *Courses* and two (2) *half-Courses* (cf. C.4.3.1).

E.7.3.1.3

Courses/credits are not horizontally, vertically or laterally transferable.

E.12.3.2 First and Second Year Levels

Refer to *F.28 Psychology (Clinical and Industrial)*.

TO BE ADMITTED INTO THE BPSYCH PROGRAMME, THE STUDENT MUST HAVE PASSED ALL 1ST AND 2ND YEAR PSYCHOLOGY COURSES AS WELL AS ALL 1ST AND 2ND YEAR COURSES OF THE BA PROGRAMME

E.12.3.3 Third Year Level

Curriculum

Semester	Code	Course Title	(Co-requisite)/ Pre requisite
Students who want to major in Clinical Psychology MUST take the following courses during the 3 rd year (=128 credits)			
1	PSY 3731	Group Dynamics	

1	PSY 3771	Psychological Testing	
1 & 2	PSY 3710	Interviewing and Counselling Skills	
1	PSG 3711	Psychopathology	HPSG 3581 (Co-requisite HPSG 3611)
2	PSY 3712	Health Psychology	
2	PSG 3752	Therapeutic Psychology	HPSG 3581 & HPSG 3582
2	PSG 3772	Personality Theories	HPSG 3581 & HPSG 3582
Students who want to major in Industrial / Organizational Psychology MUST take the following courses during the 3rd year (=128 credits)			
1	PSY 3731	Group Dynamics	
1	PSI 3731	Psychology of Work and Labour Relations	HPSG 3581 & HPSG 3582
1	PSY 3771	Psychological Testing	
1 & 2	PSY 3710	Interviewing and Counselling Skills	
1	PSG 3711	Psychopathology	HPSG 3581 (Co-requisite HPSG 3611)
2	PSY 3732	Advanced Personnel Psychology	HPSI 3631
2	PSG 3772	Personality Theories	HPSG 3581 & HPSG 3582

E.12.3.4 Fourth Year Level

Admission Requirements

Students are admitted to the fourth year level in the BPsych degree programme only after they have passed all twenty-eight (28) Courses (448 credits) at first, second and third year level (cf. C.4.3.3.1).

Curriculum Compilation

Semester	Code	Course Title	
Students who want major in Clinical Psychology MUST take the following courses during the 4th year (=128 credits)			
1 & 2	PSY 3810	Community Psychology (<i>double-course</i>)	HPSY 3710
1 & 2	PSG 3850	Practicum	HPSY 3710
1	PSG 3851	Positive Psychology	HPSG 3581 & HPSG 3582
2	PSG 3852	Psychology, Ethics and the Law	HPSG 3581 & HPSG 3582
1	PSG 3871	Advanced Research Methods and Statistics	HPSG 3652
2	PSY 3872	Developmental Psychology of Adulthood and Old Age	HPSG 3611
Students who major in Industrial Psychology register for all the Courses below:			
1	PSI 3851	Advanced Organisational Psychology	HPSY 3710
1 & 2	PSG 3850	Practicum	HPSY 3710
1	PSG 3851	Positive Psychology	HPSY 3581 & HPSG 3582
2	PSG 3852	Psychology, Ethics and the Law	HPSG 3581 & HPSG 3582
2	PSI 3852	Strategic Human Resource Development	HPSY 3710
1	PSG 3871	Advanced Research Methods and Statistics	HPSG 3652
2	PSY 3872	Developmental Psychology of Adulthood and Old Age	HPSG 3611

Please note that there will be no intake for Industrial/Organizational (Industrial /Organization) Psychology stream of the BPsych, until Industrial /Organizational Psychology is registrable with the relevant professional council/body.

E.12.3.5 Course Descriptors

Third Year Level

PSY 3731 Group Dynamics

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite:

Content: Groups; group dynamics; processes of group formation; group leadership and facilitation skills; mediation and conflict resolution skills; in –group and inter-group behaviour.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSI 3731 Psychology of Work and Labour Relations

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: HPSG 3581 *Introduction to Psychology and HPSG 3582 Social Psychology*

Content: Fields of study and practice areas in industrial and organisational psychology; motivation and emotion; attitudes and values; pro-social behaviours, aggression and conflict; group behaviour and other social processes in organizations; psychological well-being; psychological disorders and work-adjustment problems; the labour relationship; collective bargaining; discipline, dismissal and residual unfair labour practices; employment equity; dispute settlement; and industrial action.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3771 Psychological Testing

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite:

Content: Overview of assessment, historical perspective of psychological testing and assessment; measurement and scaling concepts; validity and reliability; development of psychological measures; cross-cultural adaptation of psychological tests; ethical practice standards and controlling the use of psychological tests; administering psychological tests; assessment and testing in various applied contexts; factors affecting assessment results; assessment of personality; assessment of cognitive abilities; assessment of affective behaviour, adjustment, well-being and quality of life; career counselling assessment; interpreting test results and report writing; future of psychological testing and assessment.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3711 Psychopathology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite *HPSG 3581 Introduction to Psychology and HPSG 3611 Developmental Psychology of Childhood and Adolescence*

Content: Abnormal behaviour in historical context; an integrative approach to psychopathology; clinical assessment and diagnosis; culture and psychopathology; research methods; somatoform and dissociative disorders; mood disorders and suicide; eating and sleep disorders; physical disorders and health psychology; sexual and gender identity disorders; substance-related and impulse-control disorders; personality disorders; schizophrenia and other psychotic disorders; development disorders; cognitive disorders; mental health services: legal and ethical issues.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3712 Health Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite:

Content: Health psychology; health and illness beliefs; behaviour and outcome factors; socioeconomic influences; biopsychosocial model of health and illness; individual and cultural differences in health behaviours; theories of pain; chronic and life-threatening illnesses; stress; biopsychosocial interventions; health-risk behaviours; impact of illness on quality of life.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3752 Therapeutic Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and HPSG 3582 Social Psychology*

Content: Basic issues in counselling practice (the counsellor: person and professional); ethical issues; theories and techniques of counselling (i.e. psychoanalytic therapy, existential therapy, person-centred therapy, behaviour therapy, cognitive behaviour therapy, reality therapy, postmodern approaches (e.g. narrative therapy).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG 3772 Personality Theories

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3581 Introduction to Psychology and HPSG 3582 Social Psychology*

Content: Introduction to the study of personality; overview of assessment, theory and research in personality; standardization, reliability, validity and culture fairness in personality testing; psychoanalytic theory; other psychodynamic approaches, trait theories; life-span approaches; cognitive theories; behavioral theories; social learning theories; alternative approaches (e.g. African, Eastern perspectives).

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3732 Advanced Personnel Psychology

Proposed NQF Level: 7 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSI 3631 Organizational/Personnel Psychology*

Content: Introduction to personnel psychology; human resource planning; selection and placement; assessment; diversity management; induction; disengagement; training; sexual harassment; employee wellness; change management.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY 3710 Interviewing and Counselling Skills (double-course)

Proposed NQF Level: 7 **Credits:** 32 **Contact Hours:** 4 hours/week over 28 weeks = 112 contact hours

Prerequisite:

Content: A variety of interviewing and counselling techniques; capacity for active listening; ability to build rapport; observation of interactional approaches; learning how to assess client systems; the development of interventions such as counselling and referral; challenges of cross-cultural interviewing and counselling; integrating background of clients into the counselling process; introduction to ethics in counselling and interviewing.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

Fourth Year Level

PSG3851 Advanced Organizational Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSY 3710 Interviewing and Counselling Skills*

Content: Importance of organisational psychology; organisation in focus (organisational culture, organisational structures, organisational life cycles, organisational design, the types of structures, and the consequences of a poor structure; organisation development); change management; tasks, activities and competencies of the organisational psychologist; issues and challenges for industrial/organisational psychology in Namibia; individuals in organisations (personality, attitudes and behaviour, virtues in the Values in Action [VIA] classification of strengths, resilience, motivation theories, well-being, engagement); relationships in organizations (diversity, group and team behaviour, communication, power, conflict, leadership); role of ethics within a global work environments.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG3871 Advanced Research Methods and Statistics

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3652 Research Methodology and Statistics*

Content: Importance of research methods and statistics; validity and reliability; hypotheses; fallacies in research; research ethics; literature review; sampling; instrument design and validation; qualitative measures; non-experimental designs, experimental and quasi-experimental designs; correlation and regression; t-tests, multivariate statistics (including canonical analysis, multiple regression analysis, exploratory factor analysis, one-way analysis of variance, and multivariate analysis of variance, discriminant analysis); practical significance of results; interpretation of research results.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY3872 Developmental Psychology of Adulthood and Old Age

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 14 weeks = 56 contact hours

Prerequisite: *HPSG 3611 Development Psychology of Childhood and Adolescence*

Content: Theories of human development from early adulthood through late adulthood/old age; aspects of human development i.e., physical/cognitive and social/personality development; marriage, divorce, employment, unemployment, retirement and death; contemporary issues that are, or may be relevant to adult development in general and to Namibian society in particular.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY3810 Community Psychology (double-course)

Proposed NQF Level: 8 **Credits:** 32 **Contact Hours:** 4 hours/week over 28 weeks = 112 contact hours

Prerequisite: *HPSY 3710 Interviewing and Counselling Skills*

Content: Introduction to community psychology; international emergence and development of community psychology; history of 'community' and community psychology in Southern Africa; assumptions and values of community psychology; the mental health model; the social ecological model; intergenerational rites of passage; contextual issues (i.e. poverty; race and childhood health in Southern Africa; enablers of HIV pandemic in Southern Africa; vulnerable communities); learning in community psychology; indigenous knowledge and learning development; healing practices in communities; understanding community learning; teaching community psychology in Southern Africa; training psychology students and interns in non-urban areas; community based coping: an HIV/AIDS case study; ethics in community psychology; community project identification, design, implementation and evaluation; approaches for supporting innovation and engaging communities; and activating action.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG3851 Positive Psychology

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 28 weeks = 112 contact hours

Prerequisite: *PSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Introduction to positive psychology and the historical development; definitions and measures of well-being; effects of positive emotions on physical and psychological health; resilience as a human strength in the face of adversity; a review of hedonic happiness; money, happiness and culture; personal goals and the impact of motivations on health and happiness; self-regulation and self-control as critical components to achieve personally significant goals; positive personal traits, personality traits and self-conceptions influencing well-being; virtues and strengths of character; positive psychology in organizations, positive psychology interventions.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSG3852 Psychology, Ethics and the Law

Proposed NQF Level: 8 **Credits:** 16 **Contact Hours:** 4 hours/week over 28 weeks = 112 contact hours

Prerequisite: *PSG 3581 Introduction to Psychology and PSG 3582 Social Psychology*

Content: Psychological theories on human personality; ethical guidelines and legal issues related to psychology; the importance of ethics and law to psychological practice and clinical services; ethics and law in industrial/organizational settings; controversial and ethical dilemma and the legal implications; abuse of psychology; malpractices; introduction to Forensic Psychology and Criminal Psychology; Namibian Laws and Legislation relating to psychology

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY3870 Strategic Human Resource Development (double-course)

Proposed NQF Level: 8 **Credits:** 32 **Contact Hours:** 4 hours/week over 28 weeks = 112 contact hours

Prerequisite: *HPSY 3710 Interviewing and Counselling Skills*

Content: Strategic human resource development and management; human resources strategic models; resourcing; retention; performance management; remuneration; international and comparative human resources management; strategic evaluation and assessment of human resources management and models.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

PSY3850 Practicum

Proposed NQF Level: 8 **Credits:** 32 **Contact Hours:** 4 hours/week over 28 weeks = 112 contact hours

Prerequisite: HPSY 3710 Interviewing and Counselling Skills

Content: Orientation; student-supervisor relationship, roles and expectations; Ethical code for psychological counsellors; counselling; psychological assessment; intervention programmes; coaching; wellness; HIV/AIDS counselling.

Assessment: Continuous assessment 60% : Examination 40% (1 x 3 hour examination paper)

Introduction

The faculty may award the following postgraduate qualifications:

- Master of Arts (by thesis in Social Work)
- Master of Arts in Clinical Psychology
- Master of Arts in Industrial Psychology
- Master of Arts in Social Work
- Doctor of Philosophy

MASTER OF ARTS IN (BY THESIS)-

(13MARR)

G.2.1 Aims and Objectives

The aim of the programme is to empower students with the competencies to design and execute research projects, and produce postgraduate students equipped with the knowledge, skills and motivation to conduct research and publish their research findings.

The faculty may award the degree Master of Arts (MA) in the following disciplines, subject to the general regulations for Master's degree studies (cf. **9. Regulations and Guidelines for Postgraduate Programmes** in the **General Information and Regulations Yearbook**):

- Social Work*

* See G.2.2.2.

Programme Co-ordinator: Cf. relevant head of department

G.2.2 Admission

G.2.2.1

Refer to **9. Regulations and Guidelines for Postgraduate Programmes in the General Information and Regulations Yearbook**.

G.2.2.2

Prospective candidates must be in possession of a relevant Bachelor's degree at NQF Level 8 with at least a C grade average (i.e. 60%), or a good postgraduate diploma from a recognised institution.

G.2.2.3

Subject to the relevant regulations for admission to postgraduate studies, a candidate should have completed at least two years of field experience in social work to qualify for admission to the MA programme in Social Work.

G.2.2.4

Candidates who intend to pursue MA degree studies should approach the head of the department in which they intend to undertake their studies before 31 October of the year preceding intended registration.

G.2.2.5

Prospective candidates will be required to write a one page submission to articulate the goals of their undertaking MA studies, and the Faculty reserves the right to interview applicants.

G.2.2.6

Submission of an application for admission to the MA programme does not ensure admission to the programme.

MASTER OF ARTS IN CLINICAL PSYCHOLOGY

(13MPSY)

MA (Clinical Psychology)

Aims and Objectives

The purpose of the MA (Clinical Psychology) programme can be articulated both in academic and professional terms.

Academic:

The academic purposes of the programme are to:

- Introduce the student to study in the area of applied psychology, to consolidate and deepen what has been learned previously;
- Equip qualifying students with the necessary professional skills and attitudes based on scientific knowledge to function efficiently, effectively and independently within the field of applied psychology;
- Establish a base for participating in research through the acquisition of the necessary elementary research skills and tools and to provide a foundation for further learning; and to
- Stimulate an interest in academic study in the field of Applied Psychology and to ensure a constant supply of well-equipped professionals for both the private and public sectors, who are both critical thinkers and socially aware.

Professional:

- The programme prepares selected students for possible statutory registration as clinical psychologist with the Social Work and Psychology Council of Namibia, of the Health Professions Councils of Namibia (HPCNA), provided the students meet the registration requirements of the HPCNA.
- **Programme Convenor/Contacts:**

Contact	Title	Tel	Email
Prof. P. Dhaka	Senior Lecturer in Psychology	061- 206-3800	pdhaka@unam.na

Dr. E. N. Shino	Senior Lecturer in Psychology	061-206-3807	eshino@unam.na
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G.5.2 Admission

G.5.2.1

Admission into to the programme takes place every alternate year.

To be admitted to the programme, a candidate shall be required to have:

- At least a C-grade average (i.e., 60% and above) in one of the following qualifications:
 - a) a 4-year Bachelors' degree with a single major in Clinical Psychology,
 - b) a 4-year BPsych degree,
 - c) a 4-year Honours degree in Clinical Psychology,
 - d) an equivalence of a 4-year BA Degree Honours in Clinical Psychology, or
 - e) an equivalence of a level 8 qualification (in Clinical Psychology) on the Namibian Qualifications Authority.
- Undergo a selection process, which might include psychometric assessment, assessment centre activities, individual interviews, and two reference reports.
- In addition, other University of Namibia admission requirements for Master's degree programmes will apply.

G.5.2.2

Refer to 9. Regulations and Guidelines for Postgraduate Programmes in the General Information and Regulations Yearbook.

G.5.3 Duration of Study

The minimum duration of the program is two (2) years and the maximum duration is three (3) years. The MA program will be offered only on a **full-time** basis, during the day.

G.5.4 Curriculum

The MA (Clinical Psychology) programme consists of two parts. In the first year, students will complete their academic coursework studies and examinations. In the second year, students write a research mini-thesis and complete a Clinical Psychology practicum.

G.5.4.1 PART 1: Coursework (Year I) (and overall-structure for program)

Course Code	Course Name	NQF LEVEL	Credits	COMPULSORY (C)
Year 1 Semester 1				
AUE5819	Academic Writing for Postgraduate Students	8	-	C
PSY5921	Psychopharmacology	9	12	C
PSY5901	Research Methodology & Statistics	9	12	C
PSY5941	Psychopathology	9	12	C
PSC5961	Therapeutic Techniques and Intervention	9	12	C
PSC5941	Child & Adolescent Therapy	9	12	C
Total credits Semester 1				60
Year 1 Semester 2				
PSG5922	Professional Ethics	9	12	C
PSY5962	Psychological Assessment	9	12	C
PSY5922	Forensic Psychology	9	12	C
PSY5942	Neuropsychology	9	12	C
PSC5922	Group Processes and Dynamics	9	12	C
PSC5962	Community Psychology	9	12	C
Total credits Semester 2				72
Total credits Year 1				132
Year 2				
PSY5900	Mini-Thesis	9	60	C
PSY5909	Clinical Psychology Practicum	9	60	C
Total credits Year 2				120
Total credits for the programme				252

G.5.4.2 PART 2: Research Mini-theses Thesis and Clinical Psychology Practicum (Year II)

Candidates must submit a mini-thesis (of approximately 20 000 – 40 000 words) on a topic selected in consultation with the Department, subject to the general regulations for Master's degree studies (cf. **9. Regulations and Guidelines for Postgraduate Programmes** in the **General Information and Regulations Yearbook**). Students are expected to complete a 6-month full-time practicum of not less than 954 hours.

G.5.5 Syllabi

PSY5921 Psychopharmacology

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to equip students with the knowledge and understanding of basic psychopharmacology, chemistry and biochemistry. Students will also be introduced to principles of psychopharmacology, a systemic view of drug groups for treating psychological disorders and psychopharmacological treatment for special populations.

PSY5901 Research Methodology and Statistics

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

The aim of this course is to familiarise students with the dimensions and methods of psychological research and to orient them to make an informed choice from the large number of research methods, designs and analyses. This course will enable students to undertake research projects and/or to write scientific articles.

PSY5941 Psychopathology

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

The aim of this course is to enable students to make both primary and differential diagnoses in terms of the various forms of psychopathology, according to the DSM-IV-TR and ICD-10 classification systems. Students are expected to be able to apply the knowledge psychopathological evaluations and assessment, make diagnoses and provide interventions.

PSC5961 Therapeutic Techniques and Interventions

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims at equipping students with advanced and practice oriented knowledge of Therapeutic Psychology. The main focus will be on exposing students to the various therapeutic techniques as put forward by the various psychological theories such as psychoanalysis, person-centred therapy, rational-emotive therapy, cognitive-behavioural therapy, family therapy, couple therapy and child therapy amongst others. The course will further expose the students to practical situation through role-plays, clinical case formulation and presentations as practice oriented modes of learning. Traditional approaches to therapy and latest approaches will be integrated into the course to make sure students have thorough knowledge and awareness of the classical and latest techniques employed to deliver the most effective and beneficial psychological services to a wide variety of clients.

PSC5941 Child & Adolescent Therapy

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to introduce the student to advanced information regarding child and adolescent development and the effective therapeutic handling of children and adolescents in different age groups. It will also cover counselling skills for disorders of childhood and adolescence. Counselling techniques, skills for treating, screening and referral and impact of culture and diversity on child and adolescent treatment will be covered.

PSG5922 Professional Ethics

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to expose the students to the professional ethics in Psychology. This course will further help instil an interest in students to study Forensic and Criminal Psychology as it applies to workplace.

P PSY5902 Psychological Assessment

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to develop competence in the assessment of human behaviour in a multicultural context.

PSY5922 Forensic Psychology

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to appeal to individuals studying psychology on the postgraduate level and who have an active and passionate interest in the psychology of crime, criminals and investigation.

PSY5942 Neuropsychology

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to introduce students to major neuropsychological syndromes following brain damage and a variety of different tests and assessment procedures applied in clinical neuropsychology.

PSC5922 Group Processes & Dynamics

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to familiarize students with knowledge of group processes and interactive behaviours, for utilization in training and counselling purposes in clinical and industrial/organizational psychology fields.

PSC5962 Community Psychology

Assessment: Continuous assessment 60%, examination 40% (1 x 3 hour examination)

This course aims to expose the students to the key principles, values and issues in Community Psychology with the view to integrate them into clinical psychology practice in African context. The issue of mental community project will be emphasized as it related to creating critical awareness towards making psychological services beyond an individual client. The course will specifically focus on the development of community psychology as an alternative theoretical paradigm to mainstream individual psychology.

PSG5900 Mini-Thesis

Assessment: Continuous assessment 100%. The mini-thesis will be examined by one at least one internal and one external examiner. The qualification will be awarded following examiners reports as per UNAM guidelines.

This course aims to give the student opportunity to undertake research in an approved topic within the student's area of specialization. After the approval of the proposal by the university's Postgraduate Studies Committee, the student will conduct research and write a mini-thesis according to the UNAM Post-Graduate Studies requirements. An approved supervisor(s) will guide the research process.

PSY5909 Clinical Psychology Practicum

Assessment: Continuous assessment 50% (minimum 3 case presentations through-out the practicum period; submission of a comprehensive practicum report). Oral Examination 50% (1 x 3 hours Case Presentation at UNAM with external examiners).

The aim of the practicum is to provide students with an opportunity to consolidate what they learned during the first year of the MA program. More specifically, students will gain extensive practical hands-on experience in dealing with a diversity of clients, with different types of problems and/or diagnoses. Specifically, students are expected to apply the diagnostic, assessment and intervention skills that were gained during the previous year of training. Sites of practicum will be varied and include rotation at places such as the Mental Health Unit as well as community clinics. During this course, the students must be registered as psychology students with the HPCNA. Student will attend individual supervision as well as group supervision on a weekly basis.

Students are expected to complete a 6-month full-time practicum of not less than 954 hours.

MASTER OF ARTS IN INDUSTRIAL PSYCHOLOGY

(13MIPS)

MA (INDUSTRIAL PSYCHOLOGY)

Aims and Objectives

The purpose of this qualification is to provide students with the competencies (knowledge, skills, abilities and ethical conduct) necessary in the fields of industrial and organisational (I/O) psychology. I/O psychology programme prepares graduates for four tasks, namely explaining individual, group and organisational behaviour, measuring behaviour and predicting potentiality, contributing to organisation development, and translating research findings and empowering potential users thereof.

Programme Convenor:

Contact	Title	Tel	Email
Dr. W. Pieters	Dept. of Psychology and Social Work	061-206-3056	wpieters@unam.na
Dr. C. Hlatywayo	Dept. of Psychology and Social Work	061-206-3111	chlatywayo@unam.na

G.9.2 Admission

G.9.2.1

Admission into to the programme takes place every alternate year.

To be admitted to the programme, a candidate shall be required to have:

- At least a C-grade average (i.e., 60% and above) in one of the following qualifications:
 - f) a 4-year Bachelors' degree with a single major in Industrial/Organizational Psychology,
 - g) a 4-year BPsych degree,
 - h) a 4-year Honours degree in Industrial/Organizational Psychology,
 - i) an equivalence of a 4-year BA Degree Honours in Industrial/Organizational or
 - j) an equivalence of a level 8 qualification (in Industrial/Organizational Psychology) on the Namibian Qualifications Authority.
- Undergo a selection process, which might include psychometric assessment, assessment centre activities, individual interviews, and two reference reports.

In addition, other University of Namibia admission requirements for Master's degree programmes will apply

G.9.2.2

Refer to **9. Regulations and Guidelines for Postgraduate Programmes** in the **General Information and Regulations Yearbook**.

G.9.3 Duration of Study

The minimum duration of the program is two (2) years and the maximum duration is three (3) years. The MA program will be offered only on a **full-time** basis, during the day

G.9.4 Curriculum

The MA (Industrial/Organizational Psychology) programme consists of two parts. In the first year, students will complete their academic coursework studies and examinations. In the second year, students write a research mini-thesis and complete an Industrial/Organizational Psychology practicum.

G.9.4.1 PART 1: Coursework (Year I)

Course Code	Course Name	NQF LEVEL	Credits	COMPULSORY (C)
Year 1 Semester 1				
AUE 5819	Academic Writing for Postgraduate Students	8	-	C
PSI 921	Change & Diversity Management	9	12	C
PSY5901	Research Methodology & Statistics	9	12	C
PIO5921	Talent Management	9	12	C
PIO5941	Mentoring & Coaching	9	12	C
PIO5961	Organizational Development	9	12	C
Total Credits Semester 1				60
Year 1 Semester 2				
PSG5922	Professional Ethics	9	12	C
PSY5962	Psychological Assessment	9	12	C
PSI5922	Psychology of Work and Labour Relations	9	12	C

PIO5962	Personnel Psychology & Human Resources Development	9	12	C
PIO5922	Health & Wellness	9	12	C
PIO5942	Positive Organizational Behaviour	9	12	C
Total credits Semester 2				72
TOTAL CREDITS YEAR 1				132
Year 2				
PSY5900	Mini-Thesis	9	60	C
PSI5909	Industrial Psychology Practicum	9	60	C
Total Credits Year 2				120
TOTAL CREDITS FOR THE PROGRAMME				252

G.9.4.2 PART 2: Research Thesis (Year II)

Candidates must submit a mini-thesis (of approximately 20 000 – 40 000 words) on a topic selected in consultation with the Department, subject to the general regulations for Master's degree studies (cf. **9. Regulations and Guidelines for Postgraduate Programmes** in the **General Information and Regulations Yearbook**). Students are expected to complete a 6-month full-time practicum of not less than 954 hours.

G.9.5 Syllabi

PSI5921 Change and Diversity Management

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to examine relevant theories and at different levels by looking at individual, intragroup, and intergroup processes in work groups. This course provides students with knowledge and insight into understanding organizational structures, and ways that influence change in the context of work diversity.

PSY5901 Research Methodology and Statistics

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

The aim of this course is to familiarise students with the dimensions and methods of psychological research and to orient them to make an informed choice from the large number of research methods, designs and analyses. This course will enable students to undertake research projects and/or to write scientific articles.

PIO5921 Talent Management

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course is about talent management of individuals in organisations based on the principles of career psychology.

PIO5941 Mentoring and Coaching

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to teach students how to promote a willingness on the part of the employee (i.e. person receiving mentorship/coaching) to work through challenging issues towards empowerment, self-confidence and a happier, more productive life.

PIO5961 Organisational Development

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to provide students with both theory and practice of change, transformation and development in organization to stimulate critical analysis of scientific literature and discuss its practical relevance. It will also examine organizational culture and different diagnostic approaches.

PSG5922 Professional Ethics

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to expose the students to the professional ethics in Psychology. This course will further help instil an interest in students to study Forensic and Criminal Psychology as it applies to workplace.

PSY5962 Psychological Assessment

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to develop competence in the assessment of human behaviour in a multicultural context.

PSI5922 Psychology of Work and Labour Relations

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to advance student's knowledge of work- employment/unemployment, work stress and burnout, work motivation, job attitudes and the psychological impact of globalization and technologies. The course further aims to expose knowledge and skills on the labour relations and laws in the context of Namibian and global work environment (e.g. cooperation and conflict between work parties, collective bargaining, negotiation and dispute resolution).

PSO5962 Personnel Psychology and Human Resources Development

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to make students aware of important forces that will impact the human resources functions such as leadership development, the democratization of the workplace, globalization, employment equity, community involvement, organisational transformation and technological changes and performance management. It will also critically discuss the role of the Industrial Psychologist in managing performance, wellness and development of employees in order to reach business goals of an organisation.

PIO5922 Health and Wellness

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to equip students to develop competence in health and wellness in an African context. Students will be empowered to develop a strategic plan and to develop and execute interventions needed to ensure health and well-being of people in organisations and communities. Industrial/Organizational psychology students will also get a brief introduction to psychopathology and psychological disorders that may affect employees.

PIO5942 Positive Organizational Behaviour

Assessment: *Continuous assessment 60%, examination 40% (1 x 3 hour examination)*

This course aims to introduce students to the theory of positive psychology within the organization. The module recognizes that positive organizations today have to embrace technology, globalisation, accelerated change, distributed organizing, and social entrepreneurship in a positive way. Growing research from the domains of positive psychology and positive organizational scholarship and the theory and practice of appreciative inquiry will be explored to show how we can create new and more positive, strength-based ways of designing and developing organizational systems.

PSY5900 Mini-Thesis

Assessment: *Continuous assessment 100%*. The mini-thesis will be examined by one at least one internal and one external examiner. The qualification will be awarded following examiners reports as per UNAM guidelines.

This course aims to give the student opportunity to undertake research in an approved topic within the student's area of specialization. After the approval of the proposal by the university's Postgraduate Studies Committee, the student will conduct research and write a mini-thesis according to the UNAM Post-Graduate Studies requirements. An approved supervisor(s) will guide the research process.

PSI5909 Industrial Psychology Practicum

Assessment: *Continuous assessment 100%*. Assessment will be done by the university supervisor and, if applicable, informed by the daily supervisor in the institute where the practicum has taken place. The examination occurs via a practicum report prepared by the student.

This course aims to provide students the opportunity to apply the acquired knowledge in Industrial/Organizational Psychology in a practical setting. Students learn to apply their knowledge, understanding and problem solving abilities in a new and unfamiliar task environment within a broader (or multi-disciplinary) context related to their field of specialization. It will also provide an opportunity to learn how to communicate judgments (and the knowledge and rationale underpinning these judgments) clearly and unambiguously to specialist and non-specialist audiences.

Students are expected to complete a 6-month full-time practicum of not less than 954 hours.

G.5.1 Aims and Objectives

The purpose of the MA (Social Work) programme can be articulated both in academic and professional terms.

Academic:

The academic purposes of the programme are to:

- Equip postgraduate students with knowledge, skills and competencies essential for advanced Social Work practice in a multicultural society, in order to meet the high level manpower requirements in local, regional and international practice settings
- Critically appraise social welfare and social work from a global, regional and national perspective.
- Utilize evidence-based research and critical thinking skills to inform practice in meeting the needs of diverse clientele.
- Utilize evidence-based research and critical thinking skills to inform practice in meeting the needs of diverse clientele.
- Engage in practice informed research and research informed practice.
- Apply critical thinking to engage in analysis of quantitative and qualitative research methods and research findings.
- Engage in policy practice to enhance wellbeing and deliver services

- **Programme Convenor/Contacts:**

Contact	Title	Tel	Email
Prof. J. Ananias	Associate Professor in Social Work	061- 206-3800	jananias@unam.na

G.5.2 Admission

G.5.2.1

Admission into to the programme takes place every alternate year.

To be admitted to the programme, a candidate shall be required to have:

- BA degree in Social Work (Honours) or equivalent relevant qualification at NQF level 8.
- Minimum average of 60% (and above) in the previous relevant degree.
- Proof of registration with the Social Work and Psychology Council of Namibia or related Council.
- The students applying for admission will be interviewed and assessed by the Departmental committee.
- In addition, other University of Namibia admission requirements for Master’s degree programmes will apply.

G.5.2.2

Refer to 9. Regulations and Guidelines for Postgraduate Programmes in the General Information and Regulations Yearbook.

G.5.3 Duration of Study

The minimum duration of the program is two (2) years and the maximum duration is three (3) years. The MA program will be offered only on a **full-time** basis, during the day.

The Master of Arts in Social Work by coursework will be hybrid programme, consisting of a one week mandatory face-to-face lectures for each course, as well as an online mode of delivery. The online teaching and learning activities will include synchronous and asynchronous interactions, and the online mode of delivery will be supported by the Moodle learning Management system

G.5.4 Curriculum

The MA (Social Work) programme consists of two parts. In the first year, students will complete their academic coursework studies and examinations. In the second year, students write a research mini-thesis.

G.5.4.1 PART 1: Coursework (Year I) (and overall-structure for program)

Course Code	Course Name	NQF LEVEL	Credits	COMPULSORY (C)/ ELECTIVE (E)
Year 1 Semester 1				
AUE 5819	Academic Writing for Postgraduate Students	9	24	C
SOW5900	Research Design & Presentation	9	18	C
SOW5911	Social Work Theoretical Perspectives	9	24	C
SOW5971	Social Welfare Policy Analysis	9	18	C
SOW5921	Micro Social Work Practice	9	24	E
SOW5931	Macro Social Work Practice	9	24	E
Total credits Semester 1				84
Year 1 Semester 2				
SOW5900	Research Design & Presentation	9	18	C
SOW5942	Supervision & Administration	9	24	C
SOW5902	Social Work & Health Care	9	18	E
SOW5972	International Social Work	9	18	E
Total credits Semester 2				60
Total credits Year 1				144
Year 2				
SOW5910	Thesis	9	120	C
Total credits Year 2				120
Total credits for the programme				264

G.5.4.2 PART 2: Research Thesis (Year II)

Candidates must submit a Thesis on a topic selected in consultation with the Department, subject to the general regulations for Master's degree studies (cf. 9. Regulations and Guidelines for Postgraduate Programmes in the General Information and Regulations Yearbook).

G.5.5 Syllabi

SOW5900 Research Design and Presentation

Assessment: 100 % (Test 30%; Assignment 20%; Proposal presentation 10%; written research paper 40%)

This course aims to assist the student to conceptualise, plan and conduct a research project. The contents are geared to the research interests of students with a view of producing a formal research proposal for the thesis in the second component of the programme: research methods in social work studies; research design; research questions/objectives/hypotheses, variables, research design, describing data, statistical analysis, reliability and validity; data analysis; the research proposal and report. Students will present their research proposals to their peers and a panel of lecturers.

SOW5911 Social Work Theoretical Perspectives

Assessment: Continuous assessment 50%, examination 50% (1 x 3 hour examination)

In this course selected contemporary social work theories as well as postmodern conceptual frameworks that influence social work practice will be examined. The purpose of the course is to analyze and assess the suitability for knowledge development and scholarly research, and to apply them to selected problems and populations of interests to professional social work practice. This course will challenge students to examine each theory or conceptual framework in terms of historical background, philosophical paradigm, for knowledge development, assertions about human nature and the nature of social order and congruence with professional social work.

SOW5971 Social Welfare Policy Analysis

Assessment: Continuous assessment 50%, examination 50% (1 x 3 hour examination)

The course equips students to apply critical thinking skills to the substantive area of social welfare policy analysis. The course focuses on historical, economic, political and other social conditions that influenced the social welfare policy developed over time locally, regionally and globally. Several social welfare policy areas, including social inequality, poverty, health care, and housing are examined. Each topic area is also used to illustrate a component of the policy analysis process, including the analysis of ideologies and values as they shape policy formulation, the process by which legislation is proposed and enacted, the roles of advocacy and lobbying organizations, and the challenges of policy implementation and evaluation.

SOW5921 Micro Social Work Practice

Assessment: Continuous assessment 100%,

The course is designed to develop students' conceptual understanding, knowledge and skill in advance micro practice with individuals' families and groups. Topical focus will be on ethics, assessment, interviewing skills, contracting and goal setting at advance micro practice level. Practice occurs within a context of diversity requiring sensitivity to ethnic, racial, cultural, physical and psychological conditions, religion, class, sexual orientation, socio-economic class, and gender and age differences. Social worker practice with individuals, families and groups the private, public and community settings within a variety of work related settings such as health care, child welfare, mental health, gerontology, schools, and rehabilitation and criminal justice agencies. The principles, values, and knowledge and skills are applicable to practice in a variety of public and private agency settings. With an emphasis on assessment and short-term evidence-based intervention

models, students gain knowledge and skills in problem identification, assessment, use of clinical diagnoses, treatment planning, linkage and referrals. Micro level practice evaluation design, methods, and reporting on both case level (single system) and program level evaluations are also core components of the course.

SOW5931 Macro Social Work Practice

Assessment: Continuous assessment 100%,

The course aim to explore multiple approaches social workers uses to influence groups, organizations, communities and systems. The course examines the organizational context within which social services are delivered: how funding mandate and organizational arrangements influence service delivery. Concepts, theories and models of macro level practice and advanced practice skills for addressing complex practice and organizational situations is emphasized.

SOW5942 Supervision and Administration

Assessment: Continuous assessment 100%,

Social work practitioners become administrators at some point in their career, while others are already working in that capacity. Social welfare agencies often look for people who can fulfill multiple functions, including the ability to provide leadership. One of the job requirements in such agencies may involve supervising line level employees or serving as an administrator in a small, non-profit organization, while at the same time providing direct services to clients. This practice course provides students with theories and skills needed for direct supervision of line workers, and middle and upper management skills in human service organizations. The course addresses relevant theories and models of supervision and administration as well as key skills needed to perform the functions of supervision and administration in complex organizations. Special attention is given to empowerment theories and the importance of resource development in underserved communities.

SOW5902 Social Work and Health Care

Assessment: Continuous assessment 50%, examination 50% (1 x 3 hour examination)

This course focuses on health care practice with people with life-limiting illnesses and older populations. It prepares students for advanced social work practice in healthcare. Students gain advanced social work practice knowledge, skills and core competencies in applying theoretical models, and evidence-based interventions. The course focus on five critical health practice competency areas: psychosocial assessment, case management, treatment interventions skills building, multi-disciplinary teamwork and ethics. The emphasis is upon critical thinking, group discussion, demonstration and integrative practice learning to increase the student's conceptual and practice skill to be an effective practitioner in the provision of medical social work in healthcare settings. Students will learn new knowledge, skills and increase their practice proficiency and integration of core competencies needed to work effectively with people with life-limiting illnesses and older populations including family caregivers in a variety of community-based and institutional settings. The course emphasizes evidence-based practices that enhance quality of life, dignity, respect for differences, and maximum independent functioning.

SOW5972 International Social Work

Assessment: Continuous assessment 50%, examination 50% (1 x 3 hour examination)

This course explores global social work, past and present, and the application of social work to vulnerable groups around the world. Students will learn about different applications of social work and social services delivery systems around the globe. Students will apply social work values, knowledge and skills to address global problems. Student will explore the professional literature and internet resources and databases on international development applied to a selected country and field of practice. Students will explore their international career goals through the focused exploration of a specific development issue within a country or region of the globe.

SOW5910 Thesis

Assessment: Continuous assessment 100%.

The Thesis will be examined by one at least one internal and one external examiner. The qualification will be awarded following examiners reports as per UNAM guidelines. The aim of the course is to enable the student to proceed with the research process. After proposal was approved students conduct the literature review, empirical work, data analysis and the ultimate writing up of the research project.

13 DOCTOR OF PHILOSOPHY

PHD

The degree of Doctor of Philosophy (PhD) in approved disciplines will be offered in compliance with the general regulations and guidelines for postgraduate studies at the University. Refer to (CF9. Regulations and Guidelines for Postgraduate Programmes in the General Information and Regulations Yearbook).

DEPARTMENT OF RADIOGRAPHERS

RADIOGRAPHERS SERVICE PLEDGE

In recognizing that every member of the healthcare team plays a vital role in caring for the patient and wanting to provide the best care, I hereby solemnly PLEDGE:

- To put my patient's health, safety, and welfare first and be responsible for the optimisation of any ionising or non-ionising radiation dose to my patient consistent with the ALARA (As Low As Reasonably Achievable) principle and produce diagnostic quality images.
- To ensure the health, welfare, protection and safety of caregivers, colleagues and the public with regard to providing radiation safety.
- To behave with dignity and integrity and work within the laws and regulations governing my profession and keep up-to-date with any changes in legislation.
- To always, respect the rights, confidentiality, privacy, needs, values, culture, dignity and vulnerability of patients and their families.
- To continually strive to improve knowledge and skills by participating in continuing education and professional activities, sharing knowledge with colleagues, and investigating new aspects of professional practice.
- To commit myself and to do all in my power with honour and pride and to live up to the highest traditions of my profession.

ADVICE, INFORMATION AND GENERAL REGULATIONS

1. ATTENDANCE OF LECTURES

Students following modules of study in the School of Allied Health Sciences must have complied with at least an 80% of class attendance and 100% practical attendance. In order to obtain registration with the Professional Council concerned students must comply with theory and practice requirements as stated by the Council.

2. GENERAL INFORMATION

Students must register at the University as per the requirements of the University.

- According to regulations, a radiation worker may not work if she is pregnant.
- The student must work under direct or indirect supervision of qualified personnel when doing practical work.
- Lectures will be given during the normal working day. Practical work will cover a 24-hour working period.
- Hospital orientation is required on initiation of the module of study.
- Radiography students shall be required to conform to prescribed registrations with the Allied Health Professional Council and all applicable.
- Registrations/regulations as per relevant ordinances.
- General information appears in the General Information and Regulations Prospectus.

3. General

- 3.1 Radiography modules consist of compulsory clinical practice which counts for 100% of the clinical modules.
- 3.2 Clinical placement in training hospitals will commence from the first Year of training.
- 3.3 The award of the degree is subject to the satisfactory completion of the prescribed practical hours and the satisfactory completion of practical registers.
- 3.4 All clinical documents are regarded as legal documents and should bear the signature of the student, lecturer, clinical Instructor or registered radiographer who teach the student.
- 3.5 The practical hours for the Year should be completed before registering for the next academic Year.
- 3.6 Procedures in the practical registers has to be signed by permanent appointed registered qualified radiographers and not newly appointed registered qualified radiographers on probation. All signatures of the relevant staff should be authentic and legible.

Continuous Assessment: Clinical Practice

The pass mark for all clinical procedures in Year 1 and 2 is **70%** and for Year 3 and 4 is **50%**.

4. **Completion of the practical registers should adhere to principles of record keeping at all times. No correction fluid, magic pen or pencil may be used. In the event of any suspected fraudulent behavior (procedures signed without having been actually carried out or completed, fraudulent signatures, etc.), the student will be subjected to disciplinary measures.**

Fraudulent actions are regarded as serious professional misconduct. The student will appear before the Department of Radiography Disciplinary Committee for misconduct. When fraud is confirmed through the University's investigation Office, and based on the gravity of the fraud, the Department of Radiography Disciplinary Committee may impose disciplinary sanctions as decided by the disciplinary committee, guided by the Code of Conduct of the School of Allied Health Sciences.

5. **Absenteeism: Students are expected to attend 100% of clinical practice for each allocation / block of clinical practice. No clinical Assessment will be conducted for a student with outstanding clinical hours. Emergency cases (sickness, death, delivery of a baby) will be considered as special cases and handled individually, provided that necessary proof is provided where applicable.**

6. An undergraduate RADIOGRAPHY student who failed a clinical module at a particular level of studies, cannot register for THE clinical module in the subsequent Year of studies to give the same student a chance to repeat the failed module meaningfully (*refer to foot notes under summary tables of undergraduate RADIOGRAPHY CLINICAL modules for the second, third and fourth Year of studies*).
7. All students need to adhere to the specific rules and regulations of the Ministry of Health and Social Services AND THE PRIVATE IMAGING FACILITIES during their allocation in clinical areas.
8. Students should adhere to the dress code as agreed upon with the DEPARTMENT.
9. Student registration with the ALLIED HEALTH PROFESSION Council: A registration fee of N\$420 is payable to the Council by Bachelor of RADIOGRAPHY (DIAGNOSTIC) [HONOURS] Degree students for the 4 Years of their studies. Students shall be informed accordingly after registration with the School.
10. The use of cell phones during clinical practice is not allowed. This is considered highly unethical and interfering with the caring of a patient.
11. All undergraduate students sign a contract about the DEPARTMENT's Code of conduct at the beginning of their first Year of studies.
12. Clinical requirements /equipment

First Year Radiography Students

The first Year radiography students should obtain the following equipment after registration:
Accessories (For practical training as a radiographer the following will accompany the uniform)

- A black pen
- A black permanent marker
- Right and Left anatomical markers (±N\$ 150.00)
- Dosimeter (provided by the Department of Radiography)

The following items can be purchased from the UNAM Photocopy Centre:

- Logbook, Clinical Evaluation Form, Clinical handbook and Study Guides

13. Dress Code

Uniform

The radiography degree module consists of theoretical as well as practical training. The latter will take place at Windhoek Central Hospital, Katutura State Hospital X-Ray Departments and private imaging facilities. While gaining practical experiential learning, the following uniform is required:

- Prescribed blue scrub uniform.
- Black shoes.
- **PLEASE NOTE:** students should buy their own uniform and shoes
- Uniforms **MUST** be bought at the factory recommended by the School to ensure uniformity and correct standards.

EXAMINATIONS

1. Promotional examination is granted to a student who lacks only one (1) module in order to obtain his/her qualification. The student may retain credits of the CA Marks already acquired for the outstanding module for a period of two (2) consecutive examination settings within the subsequent academic Year. To qualify for the promotional examination for the outstanding module, the CA mark in the module concerned should be 45% and higher. If the student qualifies, s/he **should apply** with the examination office to be granted the opportunity to write the promotional examination.

GENERAL REGULATIONS PERTAINING TO UNDERGRADUATE STUDIES IN THE DEPARTMENT OF RADIOGRAPHY

- 1.1.1. To register for an undergraduate degree programme, a candidate must hold a valid Namibian Senior Secondary Certificate (NSSC) or a recognised equivalent qualification.
- 1.1.2. English is a **compulsory** subject and should normally have been passed as a Second Language at NSSCO level with a minimum C symbol, or English as a First Language at NSSCO level with a minimum D symbol.
- 1.1.3. A candidate should obtain a minimum of 25 points on the UNAM Evaluation Point Scale in his/her five (5) best subjects (of which English must be one) to be admitted to undergraduate studies (of. 7.3 **General Admission Criteria for Undergraduate Programmes in the General Information and Regulations Prospectus**). Obtaining the minimum number of points, however, **does not necessarily ensure admission. Admission is based on places available in the programmes, and is awarded on the basis of merit.**
- 1.1.4. The University through the School of Allied Health Sciences reserves the right to interview students before admission.
- 1.1.5. Admission can also be considered for persons who qualify through the Mature Age Entry Scheme upon successful completion of the relevant examinations as set out in the General Regulations (of. 7.4 **Mature Age Entry Scheme in the General Information and Regulations Prospectus**). A special application form is available for this purpose.

- 1.1.6. Please read this section in conjunction with the academic conditions stipulated in the **General Information and Regulations Prospectus**.
- 1.1.7. Annually, after registration, students must furnish the School with proof of current registration with the Namibia Allied Health Professions Council.
- 1.1.8. Clinical placement of undergraduate students will be at different health institutions/facilities including work integrated learning clinical placements throughout the country. The University does not provide transport to the different clinical facilities.
- 1.1.9. The award of the degree is subject to the satisfactory completion of all prescribed practical hours and the satisfactory completion of the practical registers of the candidates during their placement in the clinical areas.
- 1.1.10. Clinical hours as allocated weighs 50% of the total MODULE work. Clinical allocations are thus a critical component of the MODULE work.
- 1.1.11. All documents/registers used in the clinical areas must be regarded as legal documents and should bear the authentic signatures of the student, the registered Radiographer, clinical instructor and lecturers who teach, demonstrate and evaluate the practical procedures to the student for that specific MODULE.
- 1.1.12. The practical hours for the Year should be completed before registering for the next academic Year.
- 1.1.13. All signatures should be legible and authentic, any fraudulent signatures will result in to the immediate cancellation of the module of study.
- 1.1.14. All students should adhere to the specific rules and regulations of the Ministry of Health and Social Services and the private imaging facilities during their allocation in the clinical areas; students are also to adhere to the prescribed dress code during the clinical attachment and to the hours scheduled for each day at these areas.
Cheating is both an academic and professional transgression. As such, cheating will not be tolerated and will be subjected to both academic and professional disciplinary measures.

General enquiries regarding the Department of Radiography should be directed to:

Ms A Shipanga
Faculty Officer: School of Allied Health Sciences
University of Namibia
Private Bag 13301
Windhoek
Telephone: +264 61 206 5145
Email: ashipanga@unam.na

Matters regarding specific subjects and departments should be addressed to the relevant Head of Department.

DEPARTMENT OF RADIOGRAPHY: STAFF MEMBERS

DEPARTMENT OF RADIOGRAPHY

HEAD OF DEPARTMENT: MR A KARERA

SENIOR LECTURERS:

MR E R DANIELS:	MSC RAD (D) CUM LAUDE (CPUT); BTECH (D) (NMMU); NDRAD (D) CUM LAUDE (UNAM); CERT INDUST. AUDIOMETRY CUM LAUDE (TUT) CERT. SPIROMETRY (TUT), CERT. RADIATION TECHNOLOGIES (WNU)
DR R H HAMUNYELA:	PHD RADIOBIOLOGY-NUCLEAR MEDICINE (STELLENBOSCH); MTECH(NM) (CPUT); BTECH (NM) (CPUT); SCIENCE; NDIP (NM) (CPUT); CERT. RADIATION TECHNOLOGIES (WNU); PGCHE (NUST); CERT. RAD (D) (NHTC)
DR L KALONDO:	DTECH (D) (UJ); MTECH (D) (NMMU); BTECH (D) (PEN. TECH); NDRAD (D) (UNAM).
MR. A KARERA:	MSC. RADIOGRAPHY (NUST-ZIM); BSC HONOURS RADIOGRAPHY(UZ)

LECTURERS:

MR M AMKONGO:	MASTER IN PUBLIC HEALTH; BRAD (D) (HONOURS) (UNAM)
MR W PAULUS:	MSC MEDICAL IMAGING UOA; BRAD (D) (HONOURS) (UNAM) CERT IN DEVELOPING & TEACHING (NAMCOL) CERT COURSE STRATEGIC MAN. CERT STRAT MAN (COPPENHAGEN BUSINESS SCHOOL)

ASSISTANT LECTURERS:

MS M SHILUMBA:	PGDHISM CUM LAUDE (NUST); (BRAD) (D) (HONOURS) (UNAM)
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ASSISTANT LECTURERS CLINICAL:

MS L IZAACS:	BTECH (CPUT); NDRAD (UNAM); CERT. MAMMOGRAPHY (CPUT).
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UNDERGRADUATE PROGRAMMES

BACHELOR'S DEGREES

THE SCHOOL MAY AWARD THE FOLLOWING DEGREES:

BACHELOR OF RADIOGRAPHY (DIAGNOSTIC) (HONOURS)	29BSRD NEW INTAKE 2023	4 YEARS FT
BACHELOR OF RADIOGRAPHY (DIAGNOSTIC) (HONOURS)	14BRAD FACED OUT IN 2023	4 YEARS FT

MASTER'S DEGREES

MASTER OF SCIENCE IN RADIOGRAPHY	14MSRD	2/4 YEARS
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BACHELOR OF RADIOGRAPHY (DIAGNOSTIC) (HONOURS) 29BSRD NEW INTAKE 2023

ADMISSION REQUIREMENTS

In order to be admitted to the programme, candidates must have 33 points in five subjects on the UNAM scale including Mathematics, Physics, Biology and English. The five subjects may be combined as follows:

POST-2021 SECONDARY SCHOOL QUALIFICATIONS

- Three subjects at the NSSCAS level including Physics and Biology with a grade of "c" or better and two subjects at NSSCO with a grade of "b" or better. English and Mathematics must be passed at NSSCO with "B" or better.
- Three subjects at the NSSCAS level including Physics and Biology (with two subjects passed at grade "b" and one at "c" or better) and two subjects at NSSCO with a grade "C" or better. English and Mathematics must be passed at NSSCO with "C" or better.

PRE-2021 SECONDARY SCHOOL QUALIFICATIONS

- A candidate must hold a valid Namibian Senior Secondary Certificate (NSSC) at an ordinary level and NSSC at a higher level or equivalent. Five subjects should be passed including biology and physics. English and Mathematics are compulsory subjects and should normally be obtained at IGCSE/NSSCO grade "C" or better. Four subjects must be passed at grade "A" or better.

- b. A candidate must hold a valid Namibian Senior Secondary Certificate (NSSCO) at an ordinary level and at a higher level (NSSCH) or equivalent. Five subjects should be passed including Biology and Physics. English and Mathematics are compulsory subjects and should normally be obtained at IGCSE/NSSCO grade "C" or better. Four subjects must be passed at NSSCH grade "3" or better. (Please refer to the *General Information and Regulations Prospectus for the scale used by the University to calculate the UNAM score*);

OR

Successful completion of a relevant science degree from a recognised university with a minimum pass mark of 60%.

OR

Satisfy the following conditions for entry through the Mature Age Entry Scheme:

- They should be at least 25 years old on the first day of the academic year in which admission is sought
- They should have successfully completed senior secondary education
- They should have at least **5 years** of relevant work experience in radiography.
- They should pass each paper of the prescribed Mature Age Entry Tests with an overall average of 60%.
- A letter of recommendation from a previous supervisor or appropriate mentor. These letters should reflect the candidate's ability, understanding, and desire to become a successful health care provider.

OR

Through a process of recognition of prior learning (RPL) assessed and verified by the department.

Meeting the above student admission criteria **DOES NOT** necessarily ensure admission. Admission is awarded on merit based on places available on the programme and any other conditions that may be determined from time to time. The faculty reserves the right to administer special written entry tests, psychometric tests, and other skills tests and interviews before admission.

Note: Every student must furnish the Radiography Department with proof of current registration as a student with the Health Professions Council of Namibia before the commencement of clinical practice.

ADDITIONAL SELECTION CRITERIA

The selection of students will be guided by matters of equity as outlined by national policies as outlined in the selection procedure of the Radiography Department (see appendix 2). Furthermore, preferences will be given to students with higher grades/symbols in Mathematics, Physics and Biology. The Department of Radiography reserves the right to interview students before admission.

ARTICULATION OPTIONS

The qualification can serve both horizontal and vertical articulation possibilities.

- Horizontal articulation to other health disciplines such as medicine and dentistry programmes may be possible. Furthermore, students may also enter other fields of radiography such as radiotherapy, ultrasound and nuclear medicine at the undergraduate or postgraduate diploma level.
- Vertical articulation is possible where this qualification may serve as an entry qualification to relevant health-related master's programmes at NQF level 9.

ASSESSMENT CRITERIA

A combination of formative and summative assessments will be utilized. Formative assessments will be conducted during the teaching and learning period while summative assessments will be conducted at the end of each semester or year depending on the module. Below is a summary of how formative (Continuous Assessment (CA) marks) and summative (examination marks) assessments will be used for student evaluation.

- A minimum CA mark of 50% is required to gain entrance into the relevant module examination unless otherwise stated in the individual module descriptor.
- To pass a module, a minimum final mark of 50% is required, unless otherwise stated in the individual module descriptor.
- The final mark for each module will be calculated using a ratio of the CA mark: Exam mark of 50:50 unless otherwise stated in the individual module descriptor.
- Notwithstanding the above, a subminimum of at least 50% will apply to the exam mark, unless otherwise stated in the individual module descriptor.
- Examination assessment mark contributes 50%: 1 x 3-hour paper (year modules); 1 x 2-hour paper (semester modules).
- For clinical modules, the formative assessment marks will be averaged to form the final mark for the module. A minimum mark of 70% for each formative assessment and the year average is required to pass, all clinical modules. Students will be required to complete the stipulated hours and numbers of clinical procedures as a prerequisite for formative assessments. One supplementary assessment will be allowed if a student fails to reach the pass mark of 70%. If the supplementary assessment is passed, the student will obtain a maximum mark of 70%.

The lecturer responsible for teaching a module will be responsible for designing, marking, and recording the marks for each assessment and providing feedback to students. For clinical modules, external professionals, selected based on their qualifications and or expertise, may be used as co-assessors.

QUALITY ASSURANCE ARRANGEMENTS

Monitoring of student progress

- Continuous Assessment (CA) and exam meetings** - Regular CA and exam meetings will be held by the department to discuss student progress.
- Use of Moodle feedback** - Moodle feedback will be used to create and conduct personalized surveys to collect feedback from students.

- **Weekly students report** - Weekly student reports, completed by diagnostic radiographers, will be used to monitor student progress within the clinical placement regarding patient care, professional conduct, and radiographic knowledge.
- **Repeat log** - A repeat log (completed by each student) will identify challenging areas in the clinical setting for remedial training.
- **Regular inspection of student logbooks and hour logs** - Each student will be given a new clinical logbook and clinical hour log for each academic year. Every student will be expected to complete a specific number of hours and examinations per year. The number of hours and examinations will be monitored after each clinical block to ensure that students meet the clinical requirements stipulated for the clinical block.

Tracer studies and employer feedback

- **Graduate survey** – Tracer studies will be conducted biennially, starting from 2026.
- **Employer feedback** - Feedback from employees will be sought biennially, starting from 2026.

Internal and external moderation of examination papers and scripts

For the first four years of implementation (2023-2026), all papers and scripts will be externally moderated as per the professional body requirement. Thereafter:

- Examination question papers and answer scripts for all second and fourth-year modules will be externally moderated.
- Examination question papers and answer scripts for all first and third-year modules will be internally moderated.

Internal and external moderation of assessment for all 100% CA modules

- All formative assessments will be internally moderated.
- Furthermore, all second and fourth-year modules will be externally moderated.

Frequency of programme review

The curriculum will be reviewed at least every five years.

NQF registration

The programme will be submitted for registration by NQA.

Programme accreditation

The programme will be submitted for accreditation by the HPCNA and NCHE.

MINIMUM REQUIREMENTS FOR RE-ADMISSION INTO THE SCHOOL / PROGRAMME

Normal enrolment

To be re-admitted to the programme, a student must have completed the following minimum number of credits as indicated below:

- 61 credits at the end of the First Year of registration.
- 155 credits at the end of the Second Year of registration including all UNAM core modules.
- 249 credits at the end of the Third Year of registration.
- 340 credits at the end of the Fourth Year of registration.
- 442 credits at the end of the Fifth Year of registration.

The programme must be completed after a maximum of 6 years of registration.

Extended enrolment

To be re-admitted to the programme, a student must have completed the following minimum number of credits as indicated below:

- 39 credits at the end of the First Year of registration.
- 100 credits at the end of the Second Year of registration.
- 164 credits at the end of the Third Year of registration including all UNAM core modules.
- 249 credits at the end of the Fourth Year of registration.
- 340 credits at the end of the Fifth Year of registration.
- 442 credits at the end of the Sixth Year of registration.

The programme must be completed after a maximum of 7 years of registration.

ADVANCEMENT AND PROGRESSION RULES

Normal

A student advances to the next academic level of study when at least 2/3 of the modules (expressed in terms of credits) of the curriculum for a specific academic year have been passed. If a student passes only 1/3 of the full curriculum of a specific year, he/she may not register for any module of the following year. In all cases, prerequisites for modules must be passed before a student can register for the relevant module that requires such a pre-requisite.

A student advances to the subsequent academic year of study when the following conditions have been met:

- **From year 1 to year 2:** At least 81 credits.
- **From year 2 to year 3:** All first-year credits in addition to at least 98 second-year credits.
- **From year 3 to year 4:** All second-year credits in addition to at least 92 third-year credits.

A student who fulfilled the re-admission regulations but could not advance to the next academic year must first register for all failed modules. Subject to pre-requisites, such a student may then add modules for the subsequent academic year, provided that the total number of registered credits does not exceed the prescribed number of credits of the current academic year by more than 20%. Re-admission is not automatic; students that meet the above mentioned criteria must apply to the faculty for guidance and formal re-admission.

Extended enrolment

A student advances to the next academic level of study when at least 2/3 of the modules (expressed in terms of credits) of the curriculum for a specific academic year have been passed. If a student passes only 1/3 of the full curriculum of a specific year, he/she may not register for any module of the following year. In all cases, prerequisites for modules must be passed before a student can register for the relevant module that requires such a pre-requisite.

A student advances to the subsequent academic year of study when the following conditions have been met:

- **From year 1 to year 2:** 52 credits out of 78 credits prescribed for year 1 must be passed.
- **From year 2 to year 3:** All first-year credits in addition to at least 64 second-year credits.
- **From year 3 to year 4:** All second-year credits in addition to at least 64 third-year credits.
- **From year 4 to year 5:** All third-year credits in addition to at least 92 fourth-year credits.

A student who fulfilled the re-admission regulations but could not advance to the next academic year must first register for all failed modules. Subject to pre-requisites, such a student may then add modules for the subsequent academic year, provided that the total number of registered credits does not exceed the prescribed number of credits of the current academic year by more than 20%. Extension of study is not automatic; students that meet the above-mentioned criteria must apply to the faculty for guidance and extension of studies.

REQUIREMENTS FOR QUALIFICATION AWARD

This qualification will be awarded to candidates:

- Who were credited with a minimum of 544 credits,
- Who have completed a minimum of 2500 clinical hours in an accredited radiography department,
- Who have recorded a minimum total of 2500 radiographic procedures across specified modalities.

CAREER OPPORTUNITIES

Graduates from this programme can work as

- Diagnostic radiographers in state and private health institutions:
- Radiation safety officer

Furthermore, diagnostic radiographers can also venture into entrepreneurship by opening medical imaging facilities and increasing employment opportunities as well as enhancing the accessibility of health services.

IMPLEMENTATION STRATEGY

A staggered implementation approach will be followed starting in 2023. The current degree in radiography (old curriculum) will phase out, as the new degree (new curriculum) will phase in. The department of Radiography will make the following arrangements during the implementation of the curriculum period:

Where a student fails a module in the old curriculum that is **equivalent** to a module in the new curriculum then the student will sit in the same class and write the same assessments.

Where a student fails a module in the old curriculum that is **not equivalent** to a module in the new curriculum then the student will be taught separately and write the assessments as stipulated in the old curriculum.

Where a student fails a module in the old curriculum that has been **removed** in the new curriculum then the student will be taught separately and write the assessments as stipulated in the old curriculum.

All students who fail to progress or who fail to complete the old programme by 2027 will be integrated into the new programme.

The table on the next page shows how the modules in the old curriculum compare to modules in the new curriculum and the implementation remarks as guided by the arrangements above.

Old to New module comparison

OLD MODULES					NEW MODULES			
Module code	Module name	NQF Level	Credits	Implementation Remarks	Module code	Module name	NQF level	Credits
RRT3580	Radiation Technique 1	5	24	Equivalent	A3513RT	Radiographic Technique 1	5	24
RCR3580	Clinical Radiation Technique 1	5	8	Equivalent	A3593RC	Clinical Radiographic Technique 1	5	20
PHY3402	Physics for Radiographers	5	8	No equivalents				
NAB3551	Human Anatomy and Applied Biophysics A	5	32	No equivalents				
RPC3561	Patient Care and Preparation	5	8	No equivalents				
RIQ3572	Imaging and Quality Assurance	5	16	No equivalents				
RHE3562	History of Radiography and Ethics	5	8	No equivalents				
RRP3571	Radiographic Principles	5	16	No equivalents				
RAC3661	Principles of Apparatus Construction A	6	8	No equivalents				
RAC3662	Principles of Apparatus Construction B	6	8	No equivalents				
RRT3680	Radiation Technique 2	6	24	Equivalent	A3613RT	Radiographic Technique 2	6	28
RCR3680	Clinical Radiation Technique 2	6	8	Equivalent	A3693RC	Clinical Radiographic Technique 2	6	26
NAB3631	Human Physiology A	6	16	No equivalents				
NAB3632	Human Physiology B	6	16	No equivalents				
RRP3680	Radiographic Pathology	6	24	No equivalents				
STS3531	Descriptive Statistics	5	16	No equivalents				
RRB3780	Radiobiology	7	24	No equivalents				
RPS3780	Radiation Protection	7	24	No equivalents				
RCR3780	Clinical Radiation Technique 3	7	8	No equivalents				
RRT3770	Radiation Technique 3	7	32	No equivalents				
NHR3761	Health Research Methods A	7	8	No equivalents				
NHR3762	Health Research Methods B	7	8	No equivalents				

RPR3772	Pharmacology and Microbiology For Radiographers	7	16	No equivalents				
RMR3870	Management for Radiographers	8	32	Equivalent	A3813RM	Management for Radiographers	8	36
RHE3870	Radiography Ethics and Professional Practice	8	32	Equivalent	A3813RE	Radiography Ethics and Professional Practice	8	36
NHR3810	Research Project	8	32	Equivalent	A3883RR	Research Project	8	16
RRP3870	Applied Radiographic Practice	8	32	No equivalents				

9. Normal Curriculum Framework: Summary table for all modules in the programme

Year 1 to 4 – Core semester, Semester 1 and 2

Module code	Module name	NQF Level	Credits	Contact hours/week	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
YEAR 1 CORE SEMESTER						
U3583DD	Digital Literacy I	5	8	4hrs/week	None	C
U3583AL	Academic Literacy 1B	5	8	4hrs/week	None	C
U3420CN	National and Global citizenship	5	2	2hrs/week	None	C
U3420SE	Sustainability Environmental Awareness	5	2	2hrs/week	None	C
A3590RC	Clinical Radiographic Practice 1	5	4	2hrs/week	None	C
Total Credits Year 1 Core Semester						24
YEAR 1 SEMESTER 1						
A3503RI	Radiographic Imaging	5	6 (12)	2hrs/week	None	C
A3513RT	Radiographic Technique 1	5	12 (24)	4hrs/week	None	C
A3593RC	Clinical Radiographic Technique 1	5	10 (20)	16hrs of integrated practical/week	None	C
A3513RA	Human Anatomy	5	12 (24)	4hrs/week	None	C
A3511RP	Patient Care and Preparation	5	12	4hrs/week	None	C
Total Credits Semester 1						52

YEAR 1 SEMESTER 2						
A3503RI	Radiographic Imaging	5	6 (12)	2hrs/week	None	C
A3502RP	Physics for Radiographers	5	6	2hrs/week	None	C
A3513RT	Radiographic Technique 1	5	12 (24)	4hrs/week	None	C
A3593RC	Clinical Radiographic Technique 1	5	10 (20)	16hrs of integrated practical/week	None	C
A3513RA	Human Anatomy	5	12 (24)	4hrs/week	None	C
Total Credits Semester 2						46
TOTAL CREDITS YEAR 1						122
YEAR 2 CORE SEMESTER						
U3683AL	Academic Literacy II	6	8	4hrs/week	Academic Literacy I	C
U3420PJ	Project management	6	2	2hrs/week	None	C
U3420RT	Entrepreneurship	6	2	2hrs/week	None	C
U3520LP	Leadership	6	4	2hrs/week	None	C
A3690RC	Clinical Radiographic Practice 2	6	8	80hrs of integrated practical	A3513RT A3593RC	C
Total Credits Year 2 Core Semester						24
YEAR 2 SEMESTER 1						
A3601RE	Radiographic Equipment A	6	7	2hrs/week	A3502RP	C
A3613RT	Radiographic Technique 2	6	14 (28)	4hrs/week	A3513RT A3593RC	C
A3693RC	Clinical Radiographic Technique 2	6	13 (26)	20hrs integrated practical/week	A3513RT A3593RC	C
A3613RP	Human Physiology	6	14 (28)	4hrs/week	A3513RA	C
A3611RP	Radiographic Pathology A	6	14	4hrs/week	A3513RT A3593RC	C

					A3513RA	
Total Credits Semester 1						62
YEAR 2 SEMESTER 2						
A3602RE	Radiographic equipment B	6	7	2hrs/week	Co-requisite: A3601RE	C
A3613RT	Radiographic Technique 2	6	14 (28)	4hrs/week	A3513RT A3593RC	C
A3693RC	Clinical Radiographic Technique 2	6	13 (26)	20hrs integrated practical/week	A3513RT A3593RC	C
A3613RP	Human Physiology	6	14 (28)	4hrs/week	A3513RA	C
A3612RP	Radiographic Pathology B	6	14	4hrs/week	(A3611RP) A3513RT A3593RC A3513RA	C
Total Credits Semester 2						62
TOTAL CREDITS YEAR 2						148
YEAR 3 CORE SEMESTER						
A3790RC	Clinical Radiographic Practice 3	7	24	240hrs of integrated practical	A3613RT A3693RC	C
Total Credits Year 3 Core Semester						24
YEAR 3 SEMESTER 1						
A3703RR	Radiobiology	7	8 (16)	2hrs/week	None	C
A3701RP	Radiation Protection	7	8	2hrs/week	A3502RP	C
A3793RC	Clinical Radiographic Technique 3	7	13 (26)	20hrs integrated practical/week	A3613RT A3693RC	C
A3713RT	Radiographic Technique 3	7	16 (32)	4hrs/week	A3613RT	C

					A3693RC	
A3711RT	Computed Tomography Imaging	7	16	4hrs/week	A3602RE	C
Total Credits Semester 1						61
YEAR 3 SEMESTER 2						
A3703RR	Radiobiology	7	8 (16)	2hrs/week	None	C
A3793RC	Clinical Radiographic Technique 3	7	13 (26)	20hrs integrated practical/week	A3613RT A3693RC	C
A3713RT	Radiographic Technique 3	7	16 (32)	4hrs/week	A3613RT A3693RC	C
A3712RU	Obstetrics and gynaecology Ultrasound	7	16	4hrs/week	A3602RE	C
Total Credits Semester 2						53
TOTAL CREDITS YEAR 3						138
YEAR 4 CORE SEMESTER						
U3520TH	Critical Thinking	8	8	2hrs/week	None	C
A3880RP	Health Research Methods	8	14	4hrs/week	None	C
Total Credits Year 4 Core Semester						22
YEAR 4 SEMESTER 1						
A3893RC	Clinical Radiographic Technique 4	8	13 (26)	20hrs integrated practical/week	A3790RC A3711RT A3712RU A3793RC	C
A3813RM	Management for Radiographers	8	18 (36)	4hrs/week	None	C
A3813RE	Radiography Ethics and Professional Practice	8	18 (36)	4hrs/week	None	C
A3883RR	Research Project	8	8 (16)	2hrs/week	A3880RP	C
Total Credits Semester 1						57

YEAR 4 SEMESTER 2						
A3893RC	Clinical Radiographic Technique 4	8	13 (26)	20hrs integrated practical/week	A3790RC A3711RT A3712RU A3793RC	C
A3813RM	Management for Radiographers	8	18 (36)	4hrs/week	None	C
A3813RE	Radiography Ethics and Professional Practice	8	18 (36)	4hrs/week	None	C
A3883RR	Research Project	8	8 (16)	4hrs/week	A3880RP	C
Total Credits Semester 2						57
TOTAL CREDITS YEAR 4						136
TOTAL CREDITS FOR THE PROGRAMME						544

10. EXTENDED CURRICULUM FRAMEWORK: SUMMARY TABLE FOR ALL MODULES IN THE EXTENDED PROGRAMME

Year 1 to 5 – Core Semester, Semesters 1 and 2

Module code	Module name	NQF Level	Credits	Contact hours/week	(Co-requisites) / Pre-requisites	Compulsory (C) / Elective (E)
YEAR 1 CORE SEMESTER						
U3583DD	Digital Literacy I	5	8	4hrs/week	None	C
U3583AL	Academic Literacy IB	5	8	4hrs/week	None	C
U3420CN	National and Global citizenship	5	2	2hrs/week	None	C
U3420SE	Sustainability and Environmental Awareness	5	2	2hrs/week	None	C
A3590RC	Clinical Radiographic Practice 1	5	4	2hrs/week	None	C
Total Credits Year 1 Core Semester						24

YEAR 1 SEMESTER 1						
A3503RI	Radiographic Imaging	5	6 (12)	2hrs/week	None	C
A3513RA	Human Anatomy	5	12 (24)	4hrs/week	None	C
A3511RP	Patient Care and Preparation	5	12	4hrs/week	None	C
Total Credits Semester 1						30
YEAR 1 SEMESTER 2						
A3503RI	Radiographic Imaging	5	6 (12)	2hrs/week	None	C
A3502RP	Physics for Radiographers	5	6	2hrs/week	None	C
A3513RA	Human Anatomy	5	12 (24)	4hrs/week	None	C
Total Credits Semester 2						24
TOTAL CREDITS YEAR 1						78
YEAR 2 CORE SEMESTER						
U3683AL	Academic Literacy II	6	8	4hrs/week	Academic Literacy I	C
U3420PJ	Project management	6	2	2hrs/week	None	C
Total Credits Year 2 Core Semester						10
YEAR 2 SEMESTER 1						
A3513RT	Radiographic Technique 1	5	12 (24)	4hrs/week	None	C
A3593RC	Clinical Radiographic Technique 1	5	10 (20)	16hrs integrated practical/week	None	C
A3601RE	Radiographic Equipment A	6	7	2hrs/week	A3502RP	C
A3613RP	Human Physiology	6	14 (28)	4hrs/week	A3513RA	C
Total Credits Semester 1						43
YEAR 2 SEMESTER 2						

A3513RT	Radiographic Technique 1	5	12 (24)	4hrs/week	None	C
A3593RC	Clinical Radiographic Technique 1	5	10 (20)	16hrs integrated practical/week	None	C
A3602RE	Radiographic equipment B	6	7	2hrs/week	Co-requisite: A3601RE	C
A3613RP	Human Physiology	6	14 (28)	4hrs/week	A3513RA	C
Total Credits Semester 2						43
TOTAL CREDITS YEAR 2						96
YEAR 3 CORE SEMESTER						
U3420RT	Entrepreneurship	6	2	2hrs/week	None	C
U3520LP	Leadership	6	2	2hrs/week	None	C
A3690RC	Clinical Radiographic Practice 2	6	8	80hrs integrated practical/week	A3513RT A3593RC	C
Total Credits Year 3 Core Semester						14
YEAR 3 SEMESTER 1						
A3613RT	Radiographic Technique 2	6	14 (28)	4hrs/week	A3513RT A3593RC	C
A3693RC	Clinical Radiographic Technique 2	6	13 (26)	20hrs integrated practical/week	A3513RT A3593RC	C
A3611RP	Radiographic Pathology A	6	14	4hrs/week	A3513RT A3593RC A3513RA	C
Total Credits Semester 1						41
YEAR 3 SEMESTER 2						
A3613RT	Radiographic Technique 2	6	14 (28)	4hrs/week	A3513RT A3593RC	C

A3693RC	Clinical Radiographic Technique 2	6	13 (26)	20hrs f integrated practical/week	A3513RT A3593RC	C
A3612RP	Radiographic Pathology B	6	14	4hrs/week	A3513RT A3593RC A3513RA	C
Total Credits Semester 2						41
TOTAL CREDITS YEAR 3						96
YEAR 4 CORE SEMESTER						
A3790RC	Clinical Radiographic Practice 3	7	24	240hrs integrated practical/week	A3613RT A3693RC	C
Total Credits Year 4 Core Semester						24
YEAR 4 SEMESTER 1						
A3703RR	Radiobiology	7	8 (16)	2hrs/week	None	C
A3701RP	Radiation Protection	7	8	2hrs/week	A3502RP	C
A3793RC	Clinical Radiographic Technique 3	7	13 (26)	20hrs integrated practical/week	A3613RT A3693RC	C
A3713RT	Radiographic Technique 3	7	16 (32)	4hrs/week	A3613RT A3693RC	C
A3711RT	Computed Tomography Imaging	7	16	4hrs/week	A3602RE	C
Total Credits Semester 1						61
YEAR 4 SEMESTER 2						
A3703RR	Radiobiology	7	8 (16)	2hrs/week	None	C
A3793RC	Clinical Radiographic Technique 3	7	13 (26)	20hrs integrated practical/week	A3613RT A3693RC	C
A3713RT	Radiographic Technique 3	7	16 (32)	4hrs/week	A3613RT	C

					A3693RC	
A3712RU	Obstetrics and gynaecology Ultrasound	7	16	4hrs/week	A3602RE	C
Total Credits Semester 2						53
TOTAL CREDITS YEAR 4						138
YEAR 5 CORE SEMESTER						
U3520TH	Critical Thinking	8	8	2hrs/week	None	C
A3880RP	Health Research Methods	8	14	4hrs/week	None	C
Total Credits Year 5 Core Semester						22
YEAR 5 SEMESTER 1						
A3893RC	Clinical Radiographic Technique 4	8	13 (26)	20hrs integrated practical/week	A3790RC A3711RT A3712RU A3793RC	C
A3813RM	Management for Radiographers	8	18 (36)	4hrs/week	None	C
A3813RE	Radiography Ethics and Professional Practice	8	18 (36)	4hrs/week	None	C
A3883RR	Research Project	8	8 (16)	4hrs/week	A3880RP	C
Total Credits Semester 1						57
YEAR 5 SEMESTER 2						
A3893RC	Clinical Radiographic Technique 4	8	13 (26)	20hrs integrated practical/week	A3790RC A3711RT A3712RU A3793RC	C
A3813RM	Management for Radiographers	8	18 (36)	4hrs/week	None	C
A3813RE	Radiography Ethics and Professional Practice	8	18 (36)	4hrs/week	None	C
A3883RR	Research Project	8	8 (16)	4hrs/week	A3880RP	C
Total Credits Semester 2						57
TOTAL CREDITS YEAR 5						136

TOTAL CREDITS FOR THE PROGRAMME	544
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PART B: MODULE DESCRIPTORS

MODULE TITLE	ACADEMIC LITERACY 1B
Module Code	U3583AL
NQF Level	5
Notional Hours	80
NQF Credits	8
Prerequisite	None
Contact Hours	Semester 0: 4 hours /week; Semester 1: 2 hours/week Semester 2: 2 hours/week
Compulsory/Elective	Compulsory
Semester Offered	1&2

Module Content:

The module will cover study skills, reading, listening, speaking and writing, referencing, language usage and text organisation.

Assessment will be based on Continuous Assessment.

MODULE TITLE:	ACADEMIC LITERACY II
Module Code	U3683AL
NQF Level	6
Notional Hours	80
NQF Credits	8
Contact Hours	Semester 0: 4 hours/week Semester 2: 2 hours/week
Prerequisite	Academic Literacy I
Compulsory/Elective	Compulsory
Semester Offered	Core Semester,1&2

Module content

The module is designed for students enrolled in a bachelor's degree, which requires them to do basic research, read and listen to specific academic material, produce specific written texts and give academic presentations. The module thus, focuses on enhancing academic reading, academic vocabulary, writing, listening and speaking.

Student assessment strategies

The module will be continuous assessment based.

Assessment will include written tests, individual and group assignments, portfolio assessments and oral presentations.

MODULE TITLE:	DIGITAL LITERACY
Module Code	U3583DD
NQF Level	5
Notional Hours	80
Contact hours	Semester 0: 4 hours /week; Semester 1: 2 hours/week Semester 2: 2 hours/week
Additional learning requirements	None
NQF Credits	8
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1

Module Content

Digital Proficiency: ICT-based devices (laptops, tablets, smartphones, desktop computers, digital instruments and equipment); a mouse, keyboard, touch screen, voice control and other forms of input; screens, audio headsets and other forms of output; digital capture devices; University digital learning systems and a range of personal digital services such as social media, cloud storage services, sharing sites

Digital Productivity: Basic productivity software (text editing, presentation, spreadsheets, image editing); email and other digital communication services; Internet or cloud or institutional shared spaces for Organising, managing and backing up digital files; software/apps and services suitable for learning-related tasks; digital tools fit learning and managing learning time

Information Literacy: search engines, indexes or tag clouds; wikis, blog posts, scholarly journals, e-books and the open web; file spaces and folders, bookmarks, reference management software and tagging; copyright, and digital citizenship issues

Data and Media Literacy: Digital data using spreadsheets and other media; data security and privacy; digital media messages – text, graphics, video, animation, audio and multimedia

Digital Creation and Innovation: digital materials (video, audio, stories, presentations, infographics); new digital tools for learning in digital settings

Digital Communication, Collaboration and Participation: digital communication; differences between media, norms of communicating in different spaces; false or damaging digital communications; collaborative tools and online environments; online networks

Digital Learning and Development: digital learning opportunities; digital learning resources; digital tools/materials for organising, planning and

reflecting on learning (mind-mapping, note-taking, e-portfolio/ learning journal/ blog)

Digital Identity and Wellbeing: online profiles for different networks (personal, professional, academic); digital reputation; managing personal data and privacy; digital CV or portfolio of work; digital technologies for personal development; online etiquette; wellbeing and safety online; internet addiction; cyberbullying and other damaging online behaviour.

Student Assessment Strategies

1. Collaborative assessment tasks
 - 1.1 Digital productivity: *cloud based collaborative digital media creation using cloud platforms*
 - 1.2 Project: Digital communication, collaboration and participation/ Digital Wellbeing
2. Individual assessment tasks
 - 2.1 Assignment: information literacy assignment
 - 2.2 Test x 2
3. Practical
 - 3.1 Digital proficiency
 - 3.2 Data and Media literacy

No written examination

Module Title:	ENTREPRENEURIAL SKILLS
Module Code	U3420RT
NQF Level	4
Notional Hours	20 notional hours
Contact hours	1 x 2h per week for 6 weeks
Mode of Delivery	Blended: Face to face and online
Additional learning requirements	None
NQF Credits	2
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1 or 2

Module Content

Definition and scope of entrepreneurship and entrepreneur; Entrepreneur's environment; Characteristics of entrepreneurs; Basic concepts of entrepreneurship; Forms of entrepreneurship; **The role of entrepreneurship;** The entrepreneurial process; **The entrepreneurial mindset;** Decision-making skills; Creativity, innovation and entrepreneurship; Critical thinking skills; Problem solving skills; Business and personal goal-setting skills; Negotiation skills, Communication skills, Assertiveness skills, Interpersonal skills, Cognitive skills; **Transferable skills,** Practical application of entrepreneurial skills; Starting a new business; Managing a business start-up; Growing an entrepreneurial venture; Marketing skills; Managing people; Record keeping; networking skills; Time management skills; Change management skills; Entrepreneurship success stories in the global context.

Learning and Teaching Strategies/Activities

The course will be facilitated through the following learning activities: face to face and online lectures, and tutorials.

Student Assessment Strategies

The module will be assessed using 100% continuous assessment.

MODULE TITLE:	LEADERSHIP SKILLS
Module Code	U3520LP
NQF Level	5
Notional Hours	20
Contact hours	1 x 2h per week for 6 weeks
Mode of Delivery	Blended: Face to face and online
Additional learning requirements	None
NQF Credits	2
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1 or 2

Module Content

Definition and scope of leadership; History and origins of leadership; Types of leadership; Leadership versus management skills; Leader (master of self, effective manager of people, active visionary); manager; Not all leaders are managers; Not all managers are leaders; Authority versus leadership; Power versus leadership;

Principles of leadership (ability, adaptive, action, empowerment, creativity, problem solving, shared); Are leaders born or made?; Characteristics of a good leader; Functions of leaders in organizations; Leading for the future; Mentoring skills; The 21st century leader; Ethical leadership skills; Responsible leadership skills. Learning and Teaching Strategies/Activities

The course will be facilitated through the following learning activities: face to face and online lectures, and tutorials.

Student Assessment Strategies

The module will be assessed using 100% continuous assessment.

MODULE TITLE:	INTRODUCTION TO CRITICAL THINKING
Module Code	U3520TH
NQF Level	5
Notional Hours	20 notional hours
Contact hours	1 hour practical session per week interfaced with limited online engagement
Mode of Delivery	Blended: Face to face and online
Additional learning requirements	None
NQF Credits	2
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1

Module Content

The module will cover: Definition of critical thinking: striving for understanding; to have an inquisitive yet open-minded and flexible approach to exploring ideas, the ability to evaluate information and draw clear conclusions based on the evidence at hand. Core critical thinking skills: explain, infer, analyse, evaluate, problem solving, self-reflect. deductive and inductive reasoning: inductive reasoning- move from the specific to the general, deductive reasoning-moving from the general to specific. Construction of argument: construct statements that combine reasoning with evidence to support an assertion or argument. Problem analysis: define problem, determine the root causes of problem, develop alternative solutions to problem, implement solution, evaluate outcome. Reflective learning: asking open questions, reflect on answers, writing reflective learning essays, thinking about other's answers, asking 'why' questions. Understanding fallacies: what is a fallacy? description of various fallacies, identifying a fallacy in an argument, explaining a fallacy to an opponent in an argument.

Learning and Teaching Strategies/Activities

The module will be facilitated through the following learning activities: blended instruction, online learning videos, online games and quizzes, group activities. Learning content to be facilitated through deductive, interactive and engaging methods.

Student Assessment Strategies

100% Continuous assessment (1 reflective learning essay, 1 problem solving activity).

MODULE TITLE:	NATIONAL AND GLOBAL CITIZENSHIP
Module Code	U3420CN
NQF Level	4
Notional Hours	20
Contact hours	Up to 1 contact lecture periods per week for 6 Weeks
Mode of Delivery	Blended: Face to face and Online
Additional learning requirements	: Each student will be required to work on a personal project which will include a site visit
NQF Credits	2
(Co-requisites) Prerequisite	None (University Core Module)
Compulsory/Elective	Compulsory
Semester Offered	Core Semester

Module Content

UNIT 1: Constitution and its Importance

What is a constitution; Functions of a constitution; What it contains; Constitution and democracy

UNIT 2: Global Citizenship

The meaning of global citizenship; Importance of global awareness; World issues of concern to global citizens.

UNIT 3: Civic Engagement

What do we mean by civic engagement; Dimensions of civic engagement; Indicators of civic engagement; Promoting civic engagement.

UNIT 4: Globalization

Understanding globalization; Cultural construction of neoliberal globalization; Major players; Major domains; Major Issues; Futures of Globalization

UNIT 5: Intercultural Communication

Dealing with difference; Levels of culture; Stereotypes and generalizations; Intercultural communication Processes

UNIT 6: Sustainable Development Goals and individual action Introduction to SDGs; Contributing to achievement of **SDGs through action**

Student Assessment Strategies

Continuous assessment of 100% - Assessment will be done by completing online pop-up quizzes; and developing their online portfolios of personal action as response to tasks assigned in class.

MODULE TITLE:	SUSTAINABILITY AND ENVIRONMENTAL AWARENESS
Module Code	U3420SE
NQF Level	4
Notional Hours	20
Contact hours	1 x 2h per week for 6 weeks for the first 3 weeks followed by mini-project for the remainder of semester (total of 10 hours on this aspect)c
Mode of Delivery	Blended: Face to face and Online
Additional learning requirements	: Mini-project to create awareness, champion environmental cause or address an environmental issue in their immediate environment
NQF Credits	2
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1 or 2

Module Content

Sustainability: finite nature of elements constituting the Earthly environment, resilience and fragility of the natural environment; three distinct perspectives on sustainability: sustained yield of resources, sustained abundance and diversity of species and ecosystems, sustained economic and social development key themes in defining sustainability: (i) the human perspective, (ii) considerations of fairness and (iii) issues of scale concepts of inter- and intra-generational equity (fair and just distribution of resources), sustainable community. **Natural resources:** role of soil, water and minerals in supporting life on Earth; health and interdependence of ecosystems within the biosphere; dependence of human beings on natural resources for sustenance and livelihoods. **Solutions to environmental sustainability challenges:** simple inexpensive interventions aimed at reducing wastage of resources and generation of wastes through exhaustive use, reuse, recycling and refurbishing of products.

Student Assessment Strategies

The module will be evaluated using 100% continuous assessment. Student will be assessed based on class discussions and debates on striking a balance between socio-economic development and environmental sustainability citing real life major national projects. Students will be placed in groups based on a logical criterion that ensures mixing interspersing of students from academic discipline and programmes in each group. Groups will be expected to take on a particular environmental issue plaguing their immediate surroundings to highlight and champion. Each group will tackle one issue through either cleanup campaigns, awareness raising campaigns, community education campaigns, advocacy or devising a simple solution to the problem. A minimum pass mark for the module is 50%.

MODULE TITLE:	PROJECT MANAGEMENT SKILLS
Module Code	U3420PJ
NQF Level	5
Notional Hours	20
Contact hours	2 hour lecture per week for the first two week and field-based practical for the remaining four weeks.
Mode of Delivery	Blended: face-to-face and online
Additional learning requirements:	The field-based practical to be undertaken in the immediate environment of the student
NQF Credits	2
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core Semester 1 or 2

Module Content

This module consist of two components: **The first component** is a two week theory covering the **concepts** (project vs programme) and the **phases of project life cycle (project initiation and planning:** work breakdown, development of SMART indicators, estimation of activity duration, efforts, and costs, scheduling of activities, identification of critical path, setting of milestones, stakeholder identification and categorization, stakeholder engagement, initial risk identification, and development of the initial project plan; **project implementation & management:** forming the project team, managing people, resources allocation, responsibilities allocation, quality assurance, leadership style and project liaison; **project monitoring and control:** progress reporting and communication, quality control, time management, budget and cost management, risk management and mitigation; **project closure and evaluation:** project evaluation, project auditing process and the closure process, and final project report). **The second component** is a four week **field-based practical** where students participate in a real-life project in their immediate environment. Students are strictly required to apply the project management approach during the field-based practical.

Student Assessment Strategies

Student assessment will be 100% continuous assessment based on weekly project progress reports (50%) and the final project report (50%). A minimum pass mark for the module is 50%.

MODULE TITLE:	CLINICAL RADIOGRAPHIC PRACTICE 1
Module Code	A3590RC
NQF Level	5
Notional Hours	40
Contact hours	2
Additional learning requirements:	None
NQF Credits	4
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core

Module Content

The module will cover the following topics:

Imaging department reception area: greeting, explanation of waiting time, bookings, telephone answering, collection of previous radiographs, filing, cleanliness.

Basic ethics and professional behaviour: professional appearance, language, and behaviour, privacy, confidentiality, sharing of information.

Basic infection control measures: handwashing, sanitiser use, mask-wearing, gloves, etc.

Basic use of diagnostic imaging equipment: basic movements of equipment, use of equipment, equipment cleaning and care.

Radiation protection: basic radiation protection devices, effective use of protective equipment for patients, staff and the public.

Department of Radiography Clinical Guide: clinical requirements, clinical guidelines and regulations.

Student Assessment Strategies

Specific learning outcomes	Assessment tasks
The assessments will focus on the cognitive domain assessing knowledge (50%), understanding (25%) and application of facts (20%).	A combination of practical evaluations Two practical evaluations will contribute 100% of the final mark. Completion of all hours is a requirement for passing the module.
	The minimum mark to pass each assessment and the module will be 70%. Evaluations are to be conducted only if the minimum hours are met. No summative assessment will be done

MODULE TITLE:	RADIOGRAPHIC IMAGING
Module Code	A3503RI
NQF Level	5
Notional Hours	120
Contact hours	2
Additional learning requirements:	None
NQF Credits	12
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Photographic principles and materials; the photographic effect; x-ray production, x-ray quality, and quantity; anode heel effect

Film-Screen radiography and processing; film materials; construction of x-ray film; types of films available; film storage conditions; principles of irradiation; the importance of intensifying screens; principles and construction of intensifying screens; mounting and care for screens; care and maintenance of cassettes; different cassettes; cassette construction; Automatic film processing; film handling systems; Processing area and darkroom; silver recovery; Film characteristics; Latent image formation; Log of relative exposure; regions; Optimal density

Image formation and radiographic quality; differential absorption; image brightness, contrast, spatial resolution; distortion; scatter; quantum noise; image artefacts; digital vs film-screen imaging

Digital Image characteristics; Spatial Frequency and Spatial Resolution Modulation; Transfer Function (MTF); Digital Image Receptors (CR&DR); Digital Image Processing; Digital Imaging Artefacts; Image Display; Digital Communication Networks; Digital image manipulation

Exposure Technique Selection; Automatic Exposure Control; Anatomically Programmed Technique; Exposure Technique Charts; Special Considerations (paediatrics, Geriatrics patients, etc)

Manipulation of exposure factors; Primary factors; Secondary factors; Patient factors

Scatter control; Scatter Radiation; Beam Restriction; Beam Restriction and Scatter Radiation; Types of Beam-Restricting Devices; Radiographic Grids; Air Gap Technique; Scatter Control and Digital Imaging; Shielding Accessories

Image evaluations; Criteria for Image Evaluation; Exposure Technique Factors; Image Analysis

Quality control and quality assurance; Digital reject film analysis; Cassettes, Screens, and Films; Care and maintenance of departmental equipment and protective gear; Test to check cracks of aprons and gloves; x-ray tube warm-up procedure; Light beam/ X-ray beam alignment test; Shutter efficiency test; Imaging Plate (IP) Test (Photo-stimulable phosphor screen)

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing knowledge (50%), understanding (25%) and application of facts (20%).	A combination of written tests, online quizzes and assignments will be used for formative assessment Online quizzes will contribute 10% of the continuous assessment marks. Written tests will contribute 70% of the continuous assessment marks. Assignments will contribute 20% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIOGRAPHIC TECHNIQUE 1
MODULE CODE	A3513RT
NQF Level	5
Notional Hours	240
Contact hours	4
Additional learning requirements:	None
NQF Credits	24
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Common radiographic terminology: positioning terms, directional planes, anatomical lines.

Patient, x-ray room, and equipment preparation: positive patient identification, pregnancy inquiry, infection control, prepare accessories, x-ray tube handling, exposure manipulation.

Patient care: communication, palpation, aftercare.

Basic radiographic technique: patient positioning of the skeletal system.

Image evaluation criteria: a critical analysis of radiographic images.

Radiation protection: lead gowns, collimation, exposure factors.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing knowledge (50%), understanding (30%) and application of facts (20%).	A combination of four written tests and online quizzes will be used for the formative assessment Written tests will contribute 80% of the continuous assessment marks. Online quizzes will contribute 20% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	CLINICAL RADIOGRAPHIC TECHNIQUE 1
MODULE CODE	A3593RC
NQF Level	5
Notional Hours	200
Contact hours	16 hours of integrated clinical practice
Additional learning requirements	: None
NQF Credits	20
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Common radiographic terminology: positioning terms, directional planes, anatomical lines.

Patient, x-ray room, and equipment preparation: positive patient identification, pregnancy inquiry, infection control, prepare accessories, x-ray tube handling, exposure manipulation.

Patient care: communication, palpation, aftercare.

Basic radiographic technique: patient positioning of the skeletal system.

Image evaluation criteria: a critical analysis of radiographic images.

Radiation protection: lead gowns, collimation, exposure factors.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing the application of knowledge (20%) and the psychomotor domain (80%).	A combination of practical evaluations, written Objective Structured Clinical Examinations (OSCE), online quizzes, group activities, and clinical logs will comprise the formative assessment as follows: Practical evaluations will contribute 40% Written OSCEs will contribute 30% Group activities will contribute 15% Online quizzes will contribute 10% Completion of all hours and procedures will contribute 5%
	The minimum mark to pass each assessment and the module will be 70% Evaluations are to be conducted only if the minimum hours and logs are met No summative assessment will be done

MODULE TITLE:	HUMAN ANATOMY
MODULE CODE	A3513RA
NQF Level	5
Notional Hours	240
Contact hours	4
Additional learning requirements:	None
NQF Credits	24
(Co-requisites)Prerequisite	N/A
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Anatomical terminology: definitions and descriptions of terms

Cells and tissues: cell structure and components

Integumentary system: structures and functions

Skeletal system: structures and functions

Muscular system: anatomical relations, insertions, attachments, and locations

Special senses: features and functions

Other systems: Digestive system, nervous system, cardiovascular and lymphatic systems, respiratory system, urogenital system, and endocrine system - anatomical structures

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing the knowledge (80%) and understanding (20%).	A combination of written tests and assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. The assignments will contribute 30% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	PATIENT CARE AND PREPARATION
MODULE CODE	A3511RP
NQF Level	5
Notional Hours	120
Contact hours	4
Additional learning requirements	: Practical
NQF Credits	12
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1

Module Content

The module will cover the following topics:

Patient Care Principles: history taking, elimination, bedpan assistance.

Basic human needs: Maslow's hierarchy of needs, handling different types of patients with various needs

Principles of infection control: infection cycle, types of microorganisms, medical asepsis, disinfection and sterilisation

Body Mechanics: patient safety; different positions for patients

Vital signs and values: saturation, blood pressure and core body temperature

Medications and their administration: medication effects, medication administration, charting medication

Age-specific considerations: paediatrics, infants, adolescents, young adults, adults, older adults and geriatrics

Contrast media: reactions, symptoms and intervention.

Principles of first aid: breathing emergencies, burns and wounds, cardiopulmonary resuscitation

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing understanding (70%) and application of facts (30%).	A combination of three written tests and two online quizzes will be used for the formative assessment
	Written tests will contribute 80% of the continuous assessment marks. Online quizzes will contribute 20% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	PHYSICS FOR RADIOGRAPHERS
MODULE CODE	A3502RP
NQF Level	5
Notional Hours	60
Contact hours	2
Additional learning requirements:	None
NQF Credits	6
(Co-requisites)Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	2

Module Content

The module will cover the following topics:

Basic mathematics and physics for radiography: basic arithmetic functions, scientific notation, physics principles, and their application to radiography.

The atom: the atomic structure, electronic configuration, atomic forces.

Electromagnetic spectrum: classification of elements, properties of elements, application in medical imaging.

Radioactivity and radioactive decay: properties of radioactive elements, types of radioactive decay, half-life, applications in medical imaging.

The x-ray tube, x-ray production: x-ray tube parts, construction and function, bremsstrahlung radiation, characteristic radiation.

Radiation quantities and units: old and new radiation units, units related to environmental exposure, body exposure, and occupational exposure.

Radiation detectors: types of detectors, application of detectors, medical applications.

Interactions of radiation with matter: radiation properties, radiation to electron interactions, radiation to nucleus interactions.

The ALARA principle: the origins and definitions, elements of ALARA, application of ALARA in medical imaging.

Manipulation of exposure factors: effect of changes in kVp, mAs, time, distance and shielding

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing knowledge (35%),	A combination of two written tests and one assignment will be used for formative assessment

understanding (40%) and application of facts (25%).	Written tests will contribute 70% of the continuous assessment marks. Assignments will contribute 30% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	CLINICAL RADIOGRAPHIC PRACTICE 2
MODULE CODE	A3690RC
NQF LEVEL	6
Notional Hours	80
Contact hours	40 hours of integrated clinical practice
Additional learning requirements:	None
NQF Credits	8
(Co-requisites)Prerequisite	A3513RT - Radiographic Technique 1 A3593RC - Clinical Radiographic Technique 1
Compulsory/Elective	Compulsory
Semester Offered	Core

Module Content

The module will cover the following topics:

Specialised radiographic projections of the skeletal system: (complimentary projections); gastrointestinal tract; biliary tract; genitourinary system; respiratory system;

Contrast media studies: hypersensitivity to contrast agents and latex; indications and contraindications to contrast studies;

Application of anatomical and physiological knowledge; anatomy, physiology terms

Adaptation of the technique: according to patient condition and pathology under investigation, manipulation of exposure factors

Critical evaluation of radiographs: normal and abnormal appearances, evaluation criteria

High kilovoltage technique in imaging foreign bodies and related pathology

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the psychomotor domain (100%).	A combination of clinical hours and radiographic procedures will be used as assessments as follows: <ul style="list-style-type: none"> Completion of clinical hours 50% Completion of Radiographic procedures 50%
	Both components will be indicated as pass or fail on the system. To pass the module both components must be passed.

MODULE TITLE:	RADIOGRAPHIC EQUIPMENT A
MODULE CODE	A3601RE
NQF LEVEL	6
Notional Hours	70
Contact hours	2
Additional learning requirements	: None
NQF Credits	7
(Co-requisites)Prerequisite	A3502RP - Physics for Radiographers
Compulsory/Elective	Compulsory
Semester Offered	1

Module Content

The module will cover the following topics:

X-ray generators, circuit and tube: Anode & Cathode; Thermionic diode; X-ray valves and tubes; Principle and practical aspects; semiconductors; X-ray circuits; Types of generators; Filament current and voltage; X-ray transformers.

Portable/Mobile X-ray units: Equipment for mobile radiography; principle uses; Mobile image intensifiers; Capacitor discharge unit; Mobile unit types.

Fluoroscopy: Fluoroscopic equipment; Fluoroscopic image formation; Image intensifier; Automatic brightness control; Television camera tube; Television image and CCTV.

Cardiology: Angiography equipment; Basic physics and principles of image acquisition; Cardiac Cathlab components and equipment operation; equipment limitations.

Dental Radiography: Equipment Basics; Types of equipment; Intraoral radiography unit; Orthopantomography unit components.

Mammography: History and basic principles; Construction; Accessories for mammography; Compression; Grids; Accessories for immobilisation; Mammo-tomogram; Sonar mammography and future developments.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing knowledge (100%).	A combination of 3 written tests and one assignment will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. Assignments will contribute 30% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIOGRAPHIC TECHNIQUE 2
MODULE CODE	A3613RT
NQF Level	6
Notional Hours	280
Contact hours	4
Additional learning requirements:	None
NQF Credits	28
(Co-requisites)Prerequisite	A3513RT - Radiographic Technique 1 A3593RC - Clinical Radiographic Technique 1
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Positioning techniques for specialized radiographic projections: specialized radiographic projections of the skeletal system, gastrointestinal tract, biliary system

Anatomical and physiological knowledge: all organ systems

Contrast media: indications, contraindication, contrast media types and reactions

Technique adaptation: adjust technique according to individual patient's conditions.

Critical thinking skills: problem-solving based on clinical scenarios and image evaluation

High kilovoltage: soft tissue exposures

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing analysis (35%), understanding (35%) and application of facts (30%).	A combination of written tests and online quizzes will be used for formative assessment. Written tests will contribute 80% of the continuous assessment marks. Online quizzes will contribute 20% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	CLINICAL RADIOGRAPHIC TECHNIQUE 2
MODULE CODE	A3693RC
NQF Level	6
Notional Hours	260
Contact hours	20 hours of integrated clinical practice
Additional learning requirements	: None

NQF Credits	26
(Co-requisites) Prerequisite	A3513RT - Radiographic Technique 1 A3593RC - Clinical Radiographic Technique 1
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Specialised radiographic projections of the skeletal system: (complimentary projections); gastrointestinal tract; biliary tract; genitourinary system; respiratory system;

Contrast media studies: hypersensitivity to contrast agents and latex; indications and contraindications to contrast studies;

Application of anatomical and physiological knowledge; anatomy, physiology terms

Adaption of the technique: according to patient condition and pathology under investigation

Critical evaluation of radiographs: normal and abnormal appearances

High kilovoltage technique in imaging foreign bodies and related pathology

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the psychomotor domain assessment (100%).	A combination of practical evaluations, written Objective Structured Clinical Examinations (OSCE), online quizzes, group activities and clinical logs will comprise the formative assessment as follows: <ul style="list-style-type: none"> • Practical evaluations will contribute 40% • Written OSCEs will contribute 30% • Group activities will contribute 15% • Online quizzes will contribute 10% • Completion of all hours and procedures will contribute 5%
	The minimum mark to pass each assessment and the module will be 70% Evaluations are to be conducted only if the minimum hours and logs are met No summative assessment will be done

MODULE TITLE:	HUMAN PHYSIOLOGY
MODULE CODE	A3613RP
NQF LEVEL	6
Notional Hours	280
Contact hours	4
Additional learning requirements:	None
NQF Credits	28
Co-requisites) Prerequisite	A3513RA - Human Anatomy
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Integumentary system: defence mechanics; regulation of body temperature; excretion; ultraviolet protection; production of vitamin D; interaction with other systems.

Functions of the respiratory system: Lung mechanics and ventilation; Oxygen and carbon dioxide transport; interaction with other systems.

Functions of the cardiovascular system: heart, blood vessels and blood cells; Cardiac electrical activity; Perfusion and its control; Blood pressure regulation; interaction with other systems.

Functions of the digestive system: ingestion, mechanical and chemical digestion, absorption; peristalsis; egestion; interaction with other systems.

Functions of the endocrine system: transport of hormones; homeostasis; release of hormones; growth; metabolism and reproductions; different glands; interaction with other systems.

Functions of the nervous and immune system: peripheral and central nervous system motor response; sensory response; somatic nervous system; autonomic nervous system; interpretation and response to information; homeostasis; interaction with other systems.

Inflammation; white blood cells function and production; platelets; spleen filters; lymphatic system; interaction with other systems.

Functions of the skeletal muscular system: Protection of organs and shape; production of cells; muscular movement; storage of minerals; interaction with other systems.

Functions of the reproductive systems: reproductive systems from single-sex cell to the whole system; interaction with other systems.

Functions of the urogenital system: filtration; excretion; homeostasis; interaction with other systems.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain of assessing understanding (100%).	A combination of written tests and assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. The assignment will contribute 30% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIOGRAPHIC PATHOLOGY A
MODULE CODE	A3611RP
NQF LEVEL	6
Notional Hours	140
Contact hours	4
Additional learning requirements:	None
NQF Credits	14
(Co-requisites)Prerequisite	A3513RT - Radiographic Technique 1 A3593RC - Clinical Radiographic Technique 1 A3513RA - Human Anatomy
Compulsory/Elective	Compulsory
Semester Offered	1

Module Content

The module will cover the following topics:

Basic pathological terms: definitions of pathological terms.

Normal and abnormal radiographs: systematic approaches to reviewing a radiograph

Radiographic appearances: pathological manifestations on radiographs, differential diagnosis of respiratory, skeletal, urinary, gastrointestinal, and cardiovascular disorders

Changes in radiographic exposure factors: technical factors required to obtain optimal quality radiographs in patients with pathologies of selected systems.

Pathophysiology of systems: aetiology, signs and symptoms, causes, management and prognosis.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing understanding (40%) and analysis (60%).	A combination of written tests and assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. The assignments will contribute 30% of the continuous assessment marks
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIOGRAPHIC EQUIPMENT B
MODULE CODE	A3602RE
NQF LEVEL	6
Notional Hours	70
Contact hours	2
Additional learning requirements	: None
NQF Credits	7
(Co-requisites) Prerequisite	(A3601RE - Radiographic Equipment A)
Compulsory/Elective	Compulsory
Semester Offered	2

Module Content

The module will cover the following topics:

Equipment for computed tomography: Basic physics; different generations of CT equipment; CT data acquisition concept; Scanning principle; Image reconstruction; Image storage; Scanning gantry; CT control console; Helical/spiral & multi-slice CT.

Ultrasound: Basic acoustics principle; Production of Ultrasound images; Interaction of ultrasound with matter; Ultrasound properties; Transducers; Beam sensitivity and gain; A, B and M scanning & echo modes; Data storage and display; Image and artefacts, Doppler instrumentation – doppler transducer.

Bone Densitometry: Different types and their principles of operation; Components (camera, scanner, computer system and processor); Radiation exposure.

Magnetic Resonance Imaging (MRI): History and basic physical principle; Magnetic shielding; RF shielding; Bioeffects of MRI; Site selection and safety; Reconstruction system; Different coils used; Image acquisition and Reconstruction of 3D images.

Nuclear Medicine: Nuclear medicine basic physics; Gamma Cameras; Rectilinear scanners; Radioisotope generators; SPECT-CT & PET/CT- basic physics and principle involved; Equipment basic structure; differences in fusion techniques; Image formation and Image storage; Advances in hybrid imaging.

Picture Archiving and Communication Systems: Film archiving systems; Image recording devices-Laser imager, Camera functioning; Networking and interoperability (PACS, RIS and HIS); Multi-formatter Optical Discs; DICOM Film archiving systems and Systems designs-transfer restrictions.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain of assessing understanding (100%).	A combination of 3 written tests and one assignment will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. The assignment will contribute 30% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIOGRAPHIC PATHOLOGY B
MODULE CODE	A3612RP
NQF Level	6
Notional Hours	140
Contact hours	4
Additional learning requirements:	None
NQF Credits	14
(Co-requisites)Prerequisite	(A3611RP - Radiographic Pathology A) A3513RT - Radiographic Technique 1 A3593RC - Clinical Radiographic Technique 1 A3513RA - Human Anatomy
Compulsory/Elective	Compulsory
Semester Offered	2

Module Content

The module will cover the following topics:

Basic pathological terms: definitions of pathological terms.

Normal and abnormal radiographs: systematic approaches to reviewing a radiograph

Radiographic appearances: pathological manifestations on radiographs, differential diagnosis

Changes in radiographic exposure factors: technical factors required to obtain optimal quality radiographs in patients with pathologies of selected systems.

Pathophysiology of systems: aetiology, signs and symptoms, causes, management and prognosis.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing understanding (40%) and analysis (60%).	A combination of written tests and assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. Assignments will contribute 30% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	CLINICAL RADIOGRAPHIC PRACTICE 3
MODULE CODE	A3790RC
NQF LEVEL	7
Notional Hours	240
Contact hours	40 hours of integrated clinical practice
Additional learning requirements	: None
NQF Credits	24
Prerequisite	A3613RT - Radiographic Technique 2 A3693RC - Clinical Radiographic Technique 2
Compulsory/Elective	Compulsory
Semester Offered	Core

Module Content

The module will cover the following topics:

Indications, contraindications, and complications of specialized medical imaging examinations: types of possible diseases and conditions indicated; contraindications, and complications arising from different diagnostic procedures.

Mammography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to mammography.

Bone Densitometry: Bone composition; indications; contraindications; osteoporosis management; patient positioning.

Angiography and interventional procedures: Cerebral angiography; Thoracic angiography; Percutaneous Transluminal Angioplasty and stent placement; Angiocardiography; Stent-graft placements; Trans-jugular Intrahepatic Portosystemic Shunt (TIPS); Percutaneous needle biopsies; Vascular interventional angiography.

Hysterosalpingography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to Hysterosalpingogram

Biliary duct procedures: ERCP; Postoperative cholangiography

Adaptations to specialized medical imaging techniques: critical thinking as applied to the modification of technique.

Aseptic technique: Aseptic technique as applied to radiographic procedures.

Radiographic evaluation in specialized imaging: Evaluation of quality of specialized radiographic images.

Paediatric imaging: Immobilization; Bone development; child abuse; radiation protection; indications; contraindications; patient positioning; digital imaging considerations.

Dental Radiography: Anatomy; techniques; dental formula,

Sialography: anatomy, indications, contraindications, complications, patient positioning, radiation protection as applied to sialography

Sinography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to sinography

Arthrography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to the different joints of the body.

Extracorporeal shockwave lithotripsy (ERCP): anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to ERCP

Myelography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to Myelography

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the psychomotor domain assessment (100%).	A combination of clinical hours and radiographic procedures will be used as assessments as follows: <ul style="list-style-type: none"> Completion of clinical hours 50% Completion of Radiographic procedures 50%
	Both components will be indicated as pass or fail. To pass the module both components must be passed.

MODULE TITLE:	RADIOBIOLOGY
MODULE CODE	A3703RR
NQF LEVEL	7
Notional Hours	160
Contact hours	2
Additional learning requirements:	None
NQF Credits	16
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Physics and Chemistry of radiation interaction with matter: Interactions of electromagnetic radiation with matter; Radiation chemistry of water; Formation and reaction of free radicals with oxygen; and Direct/Indirect effects of radiation on macromolecules.

Molecular cellular radiobiology: Types of radiation lesions to deoxyribonucleic acid (DNA) and repair; Mechanisms of repair; Molecular role of protein53 (p53); Ataxia telangiectasia mutated gene (ATM); Radiobiological definition of cell death and cell survival; Survival curves and models; Cell cycle sensitivity; Cellular repair; Dose rate effects; Oxygen effect; Other cellular targets; Bystander effects.

Tumour radiobiology including tumour growth and micro-environmental effects: Tumour growth characteristics; Dependence of tumour cure probability on dose; Tumour size; Fractionation; Tumour stem cells/clonogenic tumour cell inactivation.

Normal tissue effects: Early effects; Late effects; Whole-body exposure; Radiation syndromes

Radiation Carcinogenesis: Mechanisms of multistage carcinogenesis; Radiation-induced mutations; Dose-rate and latency in humans; Estimation of radiation risk.

Radiation Effects in Utero and Radiation-Induced heritable damage: Mutations; Doubling dose; Single gene disorders and multi-factorial diseases.

The cell cycle (and signal transduction pathways): Cell cycle description; Cyclin-dependent kinase inhibitors (CDKs); Role of p53; Radiation-induced cell cycle checkpoints.

Cell death mechanisms: Radiobiological definition of cell death (loss of reproductive ability- reproductive death); Apoptosis; Necrosis; Mitotic Catastrophe.

DNA damage and repair: Types of lesions; Multiple damaged sites (clustered damage); Types and Molecular mechanisms of DNA repair; DNA damage; DNA repair; Mutations; Molecular responses to DNA damage (p53, ATM).

Cell survival curves: Linear-quadratic model; Dose rate and fractionation effects; Oxygen effects; LET versus OER and RBE; Radio-sensitizers and protectors; Low dose hypersensitivity; Induced radio-resistance; Bystander effects.

Tumour biology and host/tumour interactions and Time –Dose Fractionation: The 5Rs of fractionated radiotherapy (Repair, Repopulation, Radiosensitivity, Redistribution, Reoxygenation); Biological effective dose (BED); Linear-quadratic equivalent dose (LQED).

Radiobiology of normal tissue damage: Early normal tissue damage (Skin, G-I tract mucosa, bladder, bone marrow); Late normal tissue damage (Lung, heart, central nervous system (CNS) skin, kidney, liver, G-I tract, bladder, salivary gland) kinetics/latency cell turnover); Clinical Radiobiology of common cancers. **Radiation carcinogenesis:** Heritable effects; Effects on the developing embryo.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing comprehension (30%), analysis (60%) and evaluation of facts (10%).	A combination of four written tests and two assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. The assignments will contribute 30% of the continuous assessment marks
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIATION PROTECTION
MODULE CODE	A3701RP
NQF LEVEL	7
Notional Hours	80
Contact hours	2
Additional learning requirements	: Field trips, group project
NQF Credits	8
Co-requisites) Prerequisite	A3502RP - Physics for Radiographers
Compulsory/Elective	Compulsory
Semester Offered	1

Module Content

The module will cover the following topics:

Radiation: ionizing vs non-ionising; natural radiation sources; man-made radiation sources.

Radiation quantities and units: exposure, absorbed dose, equivalent dose and effective dose; radiation SI units, Linear Energy Transfer; radiation and tissue weighting factors.

Equipment and facility designs: Radiation protection features of general, fluoroscopy and mobile equipment; internal and external x-ray room design; radiation protection accessories.

National and international regulations: NRPA mandate, regulations and functions; roles and functions of ICRP, IAEA, WHO, and UNSCEAR in terms of radiation protection.

Radiation detectors: components and functions of personal and environmental monitors.

Radiation protection during imaging: radiation protection of radiographers, patients and public during general, fluoroscopy, mobile and paediatric procedures.

Radiation management plan: purpose, components, structure.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing analysis (60%), synthesis (30%) and application of facts (10%).	A combination of two written tests and one assignment will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. The assignment will contribute 30% of the continuous assessment marks.
	1x2-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	CLINICAL RADIOGRAPHIC TECHNIQUE 3
MODULE CODE	A3793RC
NQF Level	7
Notional Hours	260
Contact hours	20 hours of integrated clinical practice
Additional learning requirements	: None
NQF Credits	26
Prerequisite	A3613RT - Radiographic Technique 2 A3693RC - Clinical Radiographic Technique 2
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Indications, contraindications, and complications of specialized medical imaging examinations: types of possible diseases and conditions indicated; contraindications, and complications arising from different diagnostic procedures.

Mammography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to mammography.

Bone Densitometry: Bone composition; indications; contraindications; osteoporosis management; patient positioning.

Angiography and interventional procedures: Cerebral angiography; Thoracic angiography; Percutaneous Transluminal Angioplasty and stent placement; Angiocardigraphy; Stent-graft placements; Trans-jugular Intrahepatic Portosystemic Shunt (TIPS); Percutaneous needle biopsies; Vascular interventional angiography.

Hysterosalpingography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to Hysterosalpingogram

Biliary duct procedures: ERCP; Postoperative cholangiography

Adaptations to specialized medical imaging techniques: critical thinking as applied to the modification of technique.

Aseptic technique: Aseptic technique as applied to radiographic procedures.

Radiographic evaluation in specialized imaging: Evaluation of quality of specialized radiographic images.

Paediatric imaging: Immobilization; Bone development; child abuse; radiation protection; indications; contraindications; patient positioning; digital imaging considerations.

Dental Radiography: Anatomy; techniques; dental formula,

Sialography: anatomy, indications, contraindications, complications, patient positioning, radiation protection as applied to sialography

Sinography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to sinography

Arthrography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to the different joints of the body.

Extracorporeal shockwave lithotripsy (ERCP): anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to ERCP

Myelography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to Myelography

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the psychomotor domain assessment (40%); application (30%) and evaluation (30%).	A combination of practical evaluations, written Objective Structured Clinical Examinations (OSCE), online quizzes, group activities and clinical logs will comprise the formative assessment as follows: <ul style="list-style-type: none"> • Practical evaluations will contribute 40% • Written OSCEs will contribute 30% • Group activities will contribute 15% • Online quizzes will contribute 10% • Completion of all hours and procedures will contribute 5%

	The minimum mark to pass each assessment and the module will be 70% Evaluations are to be conducted only if the minimum hours and logs are met No summative assessment will be done
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MODULE TITLE:	RADIOGRAPHIC TECHNIQUE 3
MODULE CODE	A3713RT
NQF LEVEL	7
Notional Hours	320
Contact hours	4
Additional learning requirements:	None
NQF Credits	32
(Co-requisites) Prerequisite	A3613RT - Radiographic Technique 2 A3693RC - Clinical Radiographic Technique 2
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Advanced radiographic terminology and anatomical positions: description of advanced radiographic vocabulary and patient positioning.

Indications, contraindications, and complications of specialized medical imaging examinations: types of possible diseases and conditions indicated; contraindications, and complications arising from different diagnostic procedures.

Mammography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to mammography.

Bone Densitometry: Bone composition; indications; contraindications; osteoporosis management; patient positioning.

Angiography and interventional procedures: Cerebral angiography; Thoracic angiography; Percutaneous Transluminal Angioplasty and stent placement; Angiocardiology; Stent-graft placements; Trans-jugular Intrahepatic Portosystemic Shunt (TIPS); Percutaneous needle biopsies; Vascular interventional angiography.

Hysterosalpingography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to Hysterosalpingogram

Biliary duct procedures: ERCP; Postoperative cholangiography

Adaptations to specialized medical imaging techniques: critical thinking as applied to the modification of technique.

Aseptic technique: Aseptic technique as applied to radiographic procedures.

Radiographic evaluation in specialized imaging: Evaluation of quality of specialized radiographic images.

Forensic Radiography: introduction to forensic radiography; Radiological Identification of Individual Remains; child abuse; Facilities; Equipment; and Organization.

Paediatric imaging: Immobilization; Bone development; child abuse; radiation protection; indications; contraindications; patient positioning; digital imaging considerations.

Dental Radiography: Anatomy; techniques; dental formula,

Sialography: anatomy, indications, contraindications, complications, patient positioning, radiation protection as applied to sialography

Sinography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to sinography

Arthrography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to the different joints of the body.

Extracorporeal shockwave lithotripsy (ERCP): anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to ERCP

Myelography: anatomy; indications; contraindications; complications; patient positioning; radiation protection as applied to Myelography

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing comprehension (40%), application (30%) and evaluation of facts (30%).	A combination of four written tests and an assignment will be used for formative assessments. Written tests will contribute 70% of the continuous assessment marks. The assignment will contribute 30% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	COMPUTED TOMOGRAPHY IMAGING
MODULE CODE	A3711RT

NQF LEVEL	7
Notional Hours	160
Contact hours	4
Additional learning requirements	: None
NQF Credits	16
Prerequisite	A3602RE - Radiographic equipment B
Compulsory/Elective	Compulsory
Semester Offered	1

Module Content

The module will cover the following topics:

Principles of image formation and manipulation: CT numbers and the grayscale, pixel size, the field of view, and matrix size and image reconstruction algorithms.

Artefacts in CT imaging: image formation artefacts, motion artefacts and detector artefacts

CT cross-sectional anatomy: cross-sectional anatomy of the head, thorax and abdomen

Indications and contraindications for CT: pathologies, various components of CT scanning protocols, justification and optimisation of procedures

Patient preparation and assessment for CT: contrast media, hypersensitivity and U&E evaluation

CT image appearances: normal and abnormal CT images of the head, thorax and abdomen

Student Assessment Strategies

Specific learning outcomes	Assessment tasks
The assessments will focus on the cognitive domain assessing understanding (40%), application (30%) and analysis (30%).	A combination of written tests and assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. Assignments will contribute 30% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment The minimum mark to pass the module will be 50%

MODULE TITLE:	OBSTETRICS AND GYNAECOLOGY ULTRASOUND
MODULE CODE	A3712RU
NQF LEVEL	7
Notional Hours	160
Contact hours	4
Additional learning requirements	: None
NQF Credits	16
(Co-requisites) Prerequisite	A3602RE - Radiographic equipment B
Compulsory/Elective	Compulsory
Semester Offered	2

Module Content

The module will cover the following topics:

Anatomy applied to ultrasound: normal and abnormal female pelvic anatomy, embryology

Patient preparation: gynaecology ultrasound, 1st-trimester pregnancy, 2nd-trimester pregnancy, 3rd-trimester pregnancy, patient communication.

Ultrasound Equipment: physics, knobology, imaging principles of ultrasound

Scanning techniques: transvaginal vs transabdominal techniques, gynaecology ultrasound, 1st-trimester pregnancy, 2nd-trimester pregnancy, 3rd-trimester pregnancy

Foetal biometry: normal measurements, abnormal growth, retarded growth

Gynaecological abnormalities: pelvic masses, pelvic inflammatory disease, intrauterine contraceptive devices, infertility

Obstetric abnormalities: ectopic pregnancy, gestational trophoblastic disease, amniocentesis, high-risk pregnancy, foetal wellbeing and foetal death, foetal anomalies

Report writing and ethics: the structure of a report, the content of a report, ethical applications in ultrasound, operator dependency, false diagnosis

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing understanding (40%), application (40%), evaluation (10%) and synthesis (10%).	A combination of three written tests and an assignment will be used for formative assessments. Written tests will contribute 70% of the continuous assessment marks. The assignment will contribute 30% of the continuous assessment marks
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	HEALTH RESEARCH METHODS
MODULE CODE	A3880RP
NQF LEVEL	8
Notional Hours	140
Contact hours	4
Additional learning requirements:	None
NQF Credits	14
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	Core

Module Content

The module will cover the following topics:

Principles of research methodology: research terminology, process and value

Problem identification and formulation: contextual analysis, discrepancies and research question and problem statement

Research paradigms: positivist, naturalist, interpretivism

Literature review: research strategies, keywords, literature framework, synthesis

Research ethics: Belmont report, ethical committees

Research designs: quantitative and qualitative approaches, methods, instruments

Data analysis: quantitative and qualitative analysis methods, statistical and non-statistical software

Validity and reliability: face, content, construct, criterion validity; internal consistency

Research proposal: structure, development and approval

Research report: contents, outline and formatting

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing understanding (20%), application (30%), synthesis (30%), analysis (10%) and evaluation of facts (10%).	A combination of four written tests and two assignments and a research proposal will be used for formative assessments. Written tests will contribute 50% Assignments will contribute 10% A research proposal will contribute 40%
Assessment domains	All assessments are formative. No summative exam will be written. The minimum mark to pass the module will be 50%

MODULE TITLE:	CLINICAL RADIOGRAPHIC TECHNIQUE 4
MODULE CODE	A3893RC
NQF LEVEL	8
Notional Hours	260
Contact hours	20 hours of integrated clinical practice
Additional learning requirements:	Work Integrated Learning during University recess
NQF Credits	26
(Co-requisites) Prerequisite	A3790RC - Clinical Radiographic Practice 3 A3711RT - Computed Tomography Imaging A3712RU - Obstetrics and gynaecology Ultrasound A3793RC - Clinical Radiographic Technique 3
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Principles of image formation and manipulation: CT numbers, grayscale, pixel size, the field of view, and matrix size, image reconstruction algorithms, physics, knobology, and imaging principles of ultrasound.

Artefacts: image formation artefacts, motion artefacts and detector artefacts.

Anatomy: cross-sectional anatomy of the head, thorax and abdomen; normal and abnormal female pelvic anatomy and embryology.

Clinical referral form - indications and contraindications, pathologies, components of CT and ultrasound scanning protocols, justification and optimisation of procedures.

Image analysis: normal and abnormal appearances, artefacts, normal variants.

Patient preparation and assessment - contrast media, hypersensitivity, U&E evaluation, gynaecology ultrasound, 1st-trimester pregnancy, 2nd-trimester pregnancy, 3rd-trimester pregnancy, patient communication.

Image reconstruction: D and 3D algorithms, image reconstruction of the head, thorax and abdomen.

Provisional reports: image interpretation and comment on ultrasound findings.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing synthesis (25%), analysis (5%), application (35%) and psychomotor domain (35%).	A combination of practical evaluations, written Objective Structured Clinical Examinations (OSCE), online quizzes, group activities and clinical logs will comprise the formative assessment as follows: <ul style="list-style-type: none"> • Practical evaluations will contribute 40% • Written objective structured clinical examinations (OSCE) will contribute 15% • A case study presentation will contribute 30% • Online quizzes will contribute 10% • Completion of all exams and hours will contribute 5%
	The minimum mark to pass each assessment and the module will be 70% Evaluations will be conducted only if the minimum hours and logs are met. No summative assessment will be done

MODULE TITLE:	MANAGEMENT FOR RADIOGRAPHERS
MODULE CODE	A3813RM
NQF LEVEL	8
Notional Hours	360
Contact hours	4
Additional learning requirements:	None
NQF Credits	36
(Co-requisites) Prerequisite	None
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Principles of management: leadership & management styles, management theories,

Factors affecting health services: Globalisation, policy framework, finances

Human resource management: supervision, delegation, conflict management, communication

Financial and marketing management: marketing strategies, financial planning

Quality improvement: processes, systems, data use, programmes

Strategic planning: Planning processes, types of plans and their uses

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing application (55%), evaluation (30%), and synthesis (15%).	A combination of four written tests and two assignments will be used for formative assessments. Written tests will contribute 70% of the continuous assessment marks. The assignments will contribute 30% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE:	RADIOGRAPHY ETHICS AND PROFESSIONAL PRACTICE
MODULE CODE	A3813RE
NQF LEVEL	8
Notional Hours	360
Contact hours	4
Additional learning requirements:	None
NQF Credits	36
(Co-requisites) Prerequisite	N/A
Compulsory/Elective	Compulsory
Semester Offered	1 and 2

Module Content

The module will cover the following topics:

Professional practice: professionalism, legal standards, medico-legal issues, negligence, malpractice in radiography

Radiographic scope of practice: limits of professional practice, accountability and responsibility in radiography

Regulatory framework: Allied Health Profession's Act of Namibia, Namibia Bill of Rights, Patient Charter and other international regulations as related to radiography.

Interpersonal relations: existential, empathy and professional care, communication

Professional standards: ethical guidelines for health care professionals of the Health Professions Council of Namibia (HPCNA)

Legal doctrines: Consequentialism, deontology and virtue ethics and how it is applied in the ethical decision-making process.

Professional liability: implications, negligence and malpractice in radiography.

Critical thinking and problem-solving skills: moral dilemmas applicable in radiography practice, ethical and clinical scenarios.

Student Assessment Strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing evaluation (40%), analysis (30%), comprehension (15%) and application (15%).	A combination of written tests and assignments will be used for formative assessment Written tests will contribute 70% of the continuous assessment marks. Assignments will contribute 30% of the continuous assessment marks.
	1x3-hour examination paper will constitute the summative assessment. The minimum mark to pass the module will be 50%

MODULE TITLE	RESEARCH PROJECT
MODULE CODE	A3883RR
NQF LEVEL	8
Notional Hours	160
Contact Hours	2
Additional learning requirements:	None
NQF Credits	16
(Co-requisites) Prerequisite	A3880RP - Health Research Methods
Compulsory/Elective	Compulsory
Semester offered:	1 and 2

Module Content

The module will cover the following topics:

Data collection: engage research sites, select samples, recruit participants, and collect data.

Data analysis: prepare a data analysis plan, clean and code data, and use appropriate tools to analyse data.

Literature synthesis: detailed literature search and review, synthesis of literature and research findings

Research report: discuss the research findings and compile a full research report

Referencing: apply APA referencing for in-text citations and reference list

Information dissemination: develop a dissemination plan

Assessment strategies

Assessment domains	Assessment tasks
The assessments will focus on the cognitive domain assessing synthesis (70%), analysis (15%) and psychomotor domain (15%).	A combination of the research report (80%) and the dissemination plan (20%) will contribute to the final mark.
	The minimum mark to pass the module will be 50%.

BACHELOR OF RADIOGRAPHY (DIAGNOSTIC) (HONOURS) 14BRAD (FACING OUT, NO NEW INTAKE IN 2023)

DURATION OF THE STUDY

The minimum duration for full time students enrolled for the Bachelor of Radiography (Diagnostic) degree will be four (4) Years with a maximum period of six (6) Years.

ARTICULATION OPTIONS

This qualification serves as an entry point to the following related qualifications: M Tech. Radiography.

MODE DELIVERY

This degree will be offered on a full time basis through face-to-face mode in conjunction with the other faculties within the University and the Ministry of Health and Social Services (MOHSS).

Clinical teaching will be done in collaboration with assistance of the Radiographers at the Health facilities, to correlate the theory with clinical practice.

ASSESSMENT CRITERIA

To qualify for examination admission in a module, the continuous Assessment mark for part (A) of the module must be at least 40 % and for part (B) (practice) at least 50%.

Pass Requirements:

The sub– minimum exam mark for part A of a module is 40%, provided that a sub– minimum of 40% is obtained in each paper and 50% for part B. To pass a MODULE, a minimum final mark of 50% must be obtained. The weight ratio between continuous Assessment and examination mark is 50:50. The ratio between the theoretical and practical examination is 50:50.

Supplementary Examination:

See General Information and Regulations Prospectus (Regulation 7. 21.16(1) – (3) (Regulation 7.21.17(1– 4)).

MINIMUM REQUIREMENTS FOR RE-ADMISSION INTO THE FACULTY

A student will not be re-admitted into the School if s/he has not obtained at least:

- (64 credits at the end of the First Year of registration; at least 2 modules should be non-core
- 160 credits at the end of the Second Year of registration including all UNAM core modules
- 256 credits at the end of the Third Year of registration
- 368 credits at the end of the Fourth Year

ADVANCEMENT AND PROGRESSION RULES

- A student advances to the following academic level of study when at least 2/3 of the modules of the curriculum for a specific Year have been passed. If a student passed only one third (1/3) of the full curriculum of a specific Year, s/he may not register for any module on the next level. In all cases pre-requisites for modules have to be passed before a student can proceed to register for modules that require a Pre-requisite.
- For a student to advance:
From Year 1 to Year 2:
 - 112 credits out of 168 credits prescribed for **Year 1** must be passed and 400 clinical hours**From Year 2 to Year 3:**
 - All outstanding modules of Year 1 & 2/3 of Year 2
 - 80 credits out of 120 credits prescribed for **Year 2** must be passed and 700 clinical hours**From Year 3 to Year 4:**
 - All outstanding modules of Year 2 and 2/3 of Year 3
 - 80 credits out of 120 credits prescribed for **Year 3** must be passed and 700 clinical hours
- To obtain the qualification:
All modules prescribed for the curriculum should be passed and 2500 clinical hours

The above-mentioned implies that a student who does not complete the Bachelor of Radiography (Diagnostic) (Honours) Degree within the prescribed duration of study has two Years left to complete the remaining modules.

MAXIMUM NUMBER OF MODULES PER YEAR

As from the second Year of registration no student will be allowed to register for more than the following number of modules:

Year 2: All prescribed modules for Year 2 + 2 modules

Year 3: All prescribed modules for Year 3 + 2 modules

Year 4: All prescribed modules for Year 4 + 2 modules

REQUIREMENTS FOR QUALIFICATION AWARDS

This qualification will be awarded to candidates credited with a minimum of **536 credits**, practical tuition including rural placement at the training hospitals, comprising of **2500 clinical hours and 1000 radiographic examinations**.

QUALITY ASSURANCE ARRANGEMENTS

The following approaches will be implemented as part of quality assurance:

- External moderators of senior academic rank from reputable universities abroad will moderate examination question papers and answer scripts for all second and fourth Year modules.
- Internal moderation will take place for all first and third Year modules.
- Review of the curriculum at least every fourth Year.
- Ad hoc consultations with relevant stakeholders will take place students will be evaluated at the end of each module.

Curriculum Framework

All students will take the equivalent of three (3) *Modules* (48 credits) in the University Core Curriculum in the first Year of study as part of their curriculum (i.e. as part of the equivalent of eleven (11) first Year level *Modules* to be passed at first Year level – cf. C.4.2.1) according to the following rules:

All students register for the following two (2) *half- Modules*:

Semester	Code	Module Title
1&2	CSI3580	Contemporary Social Issues (Year– module)
1	CLC3509	Computer Literacy (half– module)

Students furthermore add the equivalent of two (2) *Modules* from the University Core Curriculum to their curriculum according to the following rules:

Students with any one of the following qualifications will upon application be **credited** for *ULCE3419 English Communication and Study Skills* and will register for the single *module* below:

- (a) a pass (minimum grade 4) in English First Language at NSSC Higher Level or the equivalent;
 (b) grade 1, 2 or 3 in English Second Language at NSSC Higher Level or the equivalent.

Semester	Code	Module Title	Prerequisite
1	LEA3519	English for Academic Purposes	See above

Students with any one of the following qualifications will register for the two (2) *Modules* below:

- (a) grade 4 in English Second Language at NSSC Higher Level or the equivalent;
 (b) A(*), B or C symbol in English First/Second Language at NSSC Level or the equivalent;
 (c) a pass in ULEG2410 English for General Communication

Semester	Code	Module Title	Prerequisite
1	LCE3419	English Communication and Study Skills	See above
2	LEA3519	English for Academic Purposes	–

Students with a D symbol in English First/Second Language at NSSC Ordinary Level, or the equivalent, register for only the *double– module* below:

Semester	Code	Module Title
1&2	LEG2410	English for General Communication (<i>double– module</i>)

SUMMARY TABLE FOR THE BACHELOR OF RADIOGRAPHY (DIAGNOSTIC) (HONOURS)

YEAR 1

SEMESTER 1

Module	Code	Hours	Credits	NQF Level	Compulsory	Pre-requisite
Radiation Technique I	RRT3580	3	12	5	Yes	None
Clinical Radiation Technique 1	RRC3580	8 hour Clinical attachment	4	5	Yes	None
Radiographic Principles	RRP3571	4	16	5	Yes	None
Patient Care and Preparation	RPC3561	2	8	5	Yes	None
Human Anatomy and Applied Biophysics A	NAB3551	4	16	5	Yes	None
Contemporary Social Issues	CSI3580	2	8	5	Yes	None
English Communication and Study Skills	LCE3419	2	16	4	Yes	None
Computer Literacy	CLC3509	1	8	5	Yes	None
TOTAL CREDITS YEAR1 SEMESTER 1: 88						

SEMESTER 2

Module	Code	Hours	Credit	NQF Level	Compulsory	Pre-requisite
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Radiation Technique 1	RRT3580	3	12	5	Yes	None
Clinical Radiation Technique 1	RCR3580	8 hour clinical attachment	4/12	5	Yes	None
Imaging and Quality Assurance	RIQ3572	4	16	5	Yes	Co-requisite Radiographic Principles (RRP3571)
Physics for Radiographers	PHY3402	2	8	4	Yes	None
Human Anatomy and Applied Biophysics B	NAB3552	4	16	5	Yes	Co-requisite Human Anatomy and Applied Biophysics A (NAB3551)
History of Radiography and Ethics	RHE3562	2	8	5	Yes	
English for Academic Purposes	LEA3519	4	16	4	Yes	
TOTAL CREDITS YEAR 1 SEMESTER 2: 72						
TOTAL CREDITS FOR YEAR 1: 160						

YEAR 2

SEMESTER 1

Module	Code	Hours	Credit	NQF Level	Compulsory	Pre-requisite
Descriptive Statistics	STS3531	4	16	5	Yes	C in Grade 12 Mathematics
Radiation Technique 2	RRT3680	3	12	6	Yes	Radiation Technique 1 (RRT3580) Clinical Radiation Technique 1 (RCR3580)
Clinical Radiation Technique 2	RCR3680	16 hours Clinical Attachment	4/12	6	Yes	Radiation Technique 1(RRT3580) Clinical Radiation Technique 1 (RCR3580)
Human Physiology A	NAB3631	4	16	6	Yes	Human Anatomy and Applied Biophysics A (NAB3551); Human Anatomy and Applied Biophysics B (NAB3552)
Principles of Apparatus Construction A	RAC3661	2	8	6	Yes	Physics For Radiographers (PHY3402)
Radiographic Pathology	RRP3680	3	12	6	Yes	Radiation Technique 1 (RRT3580) Clinical Radiation Technique 1 (RCR3580) Human Anatomy and Applied Biophysics A (NAB3551); Human Anatomy and Applied Biophysics B (NAB3552)
TOTAL CREDITS SEMESTER 1 YEAR 2: 68						

YEAR 2

SEMESTER 2

Module	Code	Hours	Credit	NQF Level	Compulsory	Pre-requisites
Radiation Technique 2	RRT3680	3	12	6	Yes	Radiation Technique 1 (RRT3580) Clinical Radiation Technique 1 (RCR3580)
Clinical Radiation Technique 2	RCR3680	16 hour clinical attachment	4	6	Yes	Radiation Technique 1 (RRT3580) Clinical Radiation Technique 1 (NRCR3580)

Human Physiology B	NAB3632	4	16	6	Yes	Human Anatomy and Applied Biophysics A (NAB3551); Human Anatomy and Applied Biophysics B (NAB3552)
Principles of Apparatus Construction B	RAC3662	2	8	6	Yes	Physics for Radiographers (PHY3402)
Radiography Pathology	RRP3680	3	12	6	Yes	RadiationTech1(RRT3580 Clinical Radiation Tech 1 (RCR3580) Human Anatomy and Applied Biophysics A (NAB3551); Human Anatomy and Applied Biophysics B (NAB3552)
TOTAL CREDIT SEMESTER 2, YEAR 2: 52						
TOTAL CREDITS YEAR 2: 120						

YEAR 3

SEMESTER 1

Module	Code	Hours	Credits	NQF Levels	Compulsory	Pre-requisites
Radiation Technique 3	RRT3770	4	16	7	Yes	Radiation Technique 2 (RRT3680) Clinical Radiation Technique 2 (RCR3680)
Clinical Radiation Technique 3	RCR3780	16 hour clinical attachment	4	7	Yes	Radiation Technique 2 (RRT3680) Clinical Radiation Technique 2 (RCR3680)
Radiation Protection	RPS3780	4	12	7	Yes	None
Radiobiology	RRB3780	4	12	7	Yes	None
Health Research Methods A	NHR3761	2	8	7	Yes	None
TOTAL CREDITS SEMESTER 1: YEAR 3: 52						

YEAR 3

SEMESTER 2

Module	Code	Hours	Credits	NQF Level	Compulsory	Pre-requisites
Radiation Technique 3	RRT3770	4	16	7	Yes	Radiation Technique 2 (RRT3680) Clinical Radiation Technique 2 (RCR3680)
Clinical Radiation Technique 3	RCR3780	16-hour clinical Attachment	4	7	Yes	Radiation Technique 2 (RRT3680) Clinical Radiation Technique 2 (RCR3680)
Radiobiology	RRB3780	3	12	7	Yes	None
Radiation Protection	RPS3780	3	12	7	Yes	None
Health Research Methods B	NHR3762	4	8	7	Yes	Co-requisite (NHR3761) Health Research Method A
Pharmacology and Microbiology for Radiographers	RPR3772	4	16	7	Yes	None
TOTAL CREDITS SEMESTER 2, YEAR 3: 68						
TOTAL CREDITS FOR YEAR 3: 120						

YEAR 4**SEMESTER 1**

Module	Code	Hours	Credits	NQF Level	Compulsory	Pre-requisite
Applied Radiographic Practice	RPR3870	4	16	8	Yes	Radiation Technique 3 (RRT3770) Clinical Radiation Technique 3 (RCR3780)
Radiography Ethics and Professional Practice	RHE3870	4	16	8	Yes	History of Radiography And Ethics (RHE3562)
Research Project	NHR3810	4	16	8	Yes	Co-requisite Health Research Method A(NHR3761) Health Research Method B(NHR3762)
Management for Radiographers	RMR3810	4	16	8	Yes	None
TOTAL CREDITS SEMESTER 1 YEAR 4: 64						

SEMESTER 2

Module	Code	Hours	Credit	NQF level	Compulsory	Pre-requisites
Applied Radiographic Practice	RPR3870	4	16	8	Yes	Radiation Technique 3 (RRT3770)NRRT3770 Clinical Radiation Technique 3 (RCR3780)
Radiography Ethics and Professional Practice	RHE3870	4	16	8	Yes	History of Radiography and Ethics (RHE3562)
Research Project	NHR3810	4	16	8	Yes	Co-requisite Health Research Method A (NHR3761) Health Research Method B (NHR3762)
Management for Radiographers	RMR3810	4	16	8	Yes	None
TOTAL CREDITS SEMESTER 2, YEAR 4: 64						
TOTAL CREDITS YEAR 4:						
TOTAL CREDITS FOR PROGRAMME: 536						

MODULE CONTENT (SYLLABI)**YEAR 1****MODULE TITLE****RADIATION TECHNIQUE 1****Module Code:**

RRT3580

NQF Level:

5

NQF Credits:

3 lectures per week for 26 weeks

Notional Hours

24

Contact Hours:

240

Pre-requisite:

None

Compulsory/Electives:

Compulsory

Semester:

1 & 2

Module Content:

Fundamentals and introduction concepts of basic radiation technique; preparation for general radiographic procedures; patient care; basic projections of the skeletal system; principles of radiation protection; occupational and non-occupation doses.

Assessment Strategy:

Continuous Assessment: 50%: (6 tests/assignments); Examination 50% (1×3hour paper)

MODULE TITLE**CLINICAL RADIATION TECHNIQUE 1****Module Code:**

RCR3580

NQF Level:

5

NQF Credits:	8 hours clinical attachment per week for 26 weeks
Notional Hours	4
Contact Hours:	40
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Basic radiographic skills; correction of technical and positioning errors; modification of basic positioning techniques; radiation protection needs and application; radiographic equipment and accessories; evaluate basic skeletal radiographic images

Assessment Strategy:

Continuous Assessment: 50%: (4 practical evaluations and 2 Objective Structured Clinical Examinations (OSCE); Examination Assessment 50% (1 practical evaluation and 1 OSCE will take 30 minutes per student)

MODULE TITLE	RADIOGRAPHIC PRINCIPLES
Module Code:	RRP3571
NQF Level:	5
NQF Credits:	4 hours per week for 13 weeks
Notional Hours	16
Contact Hours:	160
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1

Module Content:

Photographic principles and materials; radiographic materials; principles of radiographic processing; automatic processing; digital image manipulation and processing; processing area and darkroom; film handling systems; health and safety measures

Assessment Strategy:

Continuous Assessment 50% (3 tests/assignments per semester); Examination Assessment 50% (1×2 hour paper)

MODULE TITLE	IMAGING AND QUALITY ASSURANCE
Module Code:	RIQ3572
NQF Level:	5
NQF Credits:	4 lectures per week for 13 weeks
Notional Hours	16
Contact Hours:	160
Pre-requisite:	None
Co-requisite	Radiographic Principles (NRRP3571)
Compulsory/Electives:	Compulsory
Semester:	2

Module Content:

Image characteristics; invisible image; radiographic image; manipulation of exposure factors; quality control and quality assurance; specialised imaging techniques; modern imaging techniques.

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1×3 hour paper)

MODULE TITLE	PATIENT CARE AND PREPARATION
Module Code:	RPC3561
NQF Level:	5
NQF Credits:	2 lectures per week for 13 weeks
Notional Hours	8
Contact Hours:	80
Pre-requisite:	None
Co-requisite	Compulsory
Compulsory/Electives:	1
Semester:	

Module Content:

Basic concepts of patient care; basic patient needs; patient transfer; immobilization techniques; vital signs and laboratory values; patient care during emergency situations; age- specific considerations; aspects of infection control; contrast agent reactions.

Assessment Strategies

Continuous Assessment 50% (3 tests/assignments per semester); Examination Assessment 50% (1×2 hour paper)

MODULE TITLE	PHYSICS FOR RADIOGRAPHERS
Module Code:	PHY3402
NQF Level:	4
NQF Credits:	2 lectures per week for 13 weeks
Notional Hours	8
Contact Hours:	80
Pre-requisite:	None
Co-requisite	Compulsory
Compulsory/Electives:	2
Semester:	

Module Content:

Electromagnetic radiation; elementary quantum theory; atomic structure; the atomic nucleus; radioactive decay; x- and gamma rays and their interactions with matter; dosimeter

Assessment Strategies:

Continuous Assessment 50% (3 tests/assignments per semester); Examination Assessment 50% (1×2 hour paper)

MODULE TITLE	HUMAN ANATOMY AND APPLIED BIOPHYSICS A
Module Code:	NAB3551
NQF Level:	5
NQF Credits:	4 lectures per week for 13 weeks
Notional Hours	16
Contact Hours:	160
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1

Module Content:

Anatomical terminology; measurement units; cells & tissues; Integumentary system; skeletal system; muscular system.

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1×3 hour paper)

MODULE TITLE	HUMAN ANATOMY AND APPLIED BIOPHYSICS B
Module Code:	NAB3552
NQF Level:	5
NQF Credits:	4 lectures per week for 13 weeks
Notional Hours	16
Contact Hours:	160
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1

Module Content:

Cardiovascular system; lymphatic system; respiratory system; digestive system; renal system; nervous system; endocrine system; reproductive system

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1×3) hour paper

MODULE TITLE	CONTEMPORARY SOCIAL ISSUES
Module Code:	CSI3580
NQF Level:	5
NQF Credits:	8
Notional Hours	80
Contact Hours:	1hours per week for 26 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content: This module, Contemporary Social Issues (CSI), encourages behavioural change among UNAM students. It offers on an integrative and inter-disciplinary basis the six broad themes on teaching and learning Strategies; norms, rules, and contact; citizenship, democracy, and common good; ethics and responsible leadership; health and human sexuality, environment and sustainability as well as stressing the interconnectedness of such issues/themes. The module shall empower students to responsible behaviour changes and to transform high risk behaviour to the common good and responsible citizenship, including broadening the student's scope and understanding of the environment and sustainability of the ecosystem services and how humans influence these. Therefore, critical transformative theory will under gird the content of CSI. After completion students shall be empowered and prepared to enjoy productive, meaningful careers and lives that benefit a society that increasingly resembles a global community. Flexible modes of Assessment may be harnessed and may be combined with in-situ visits to appropriate sites. Compulsory attendance required.

MODULE TITLE	HISTORY OF RADIOGRAPHY AND ETHICS
Module Code:	RHE3562
NQF Level:	5
NQF Credits:	8
Notional Hours	80
Contact Hours:	2 lectures per week for 13 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	2

Module Content:

History of Radiography; introductory aspects of ethics; ethical concepts; rights and responsibilities of patients; concept of informed consent; interNotional and unintentional torts; ethical behaviour; cultural consideration

Assessment Strategies:

The module will be facilitated through the following learning activities: lectures, assignments, and self-study and group discussions.

MODULE TITLE	COMPUTER LITERACY
Module Code:	CLC3509
NQF Level:	5
NQF Credits:	8
Notional Hours	80
Contact Hours:	2 lectures per week
Pre-requisite:	University Entry
Compulsory/Electives:	Compulsory
Semester:	2

Module Content: Information & Communication Technology Concepts (computers, hardware, software, computer performance, perform basic computer operations, handling of viruses, information networks, healthy, safety & environment, security and copyright issues); Word Processing (editing and formatting documents, work with objects, mail merge, controlling page appearance, proofing, page properties and printing); Spreadsheets (entering and formatting data and objects, manipulating worksheets/workbooks, formulae and functions, importing/exporting data printing); Databases (database file, data manipulation, forms, querying, reports, printing); Presentations (adding text and objects: images, charts and graphs, customizing design template adding special effects, customizing a slide show presentation and printing); email and internet (composing and sending messages, organizing messages, managing contacts, scheduling appointments and meeting, surfing the internet, search engines, file exchange, printing).

Assessment Strategies:

Continuous Assessment: 100% (Minimum 6 practical tests and 1 theory test)

MODULE TITLE	ENGLISH COMMUNICATION AND STUDY SKILLS
Module Code:	LCE3419
NQF Level:	4
NQF Credits:	16
Notional Hours	160
Contact Hours:	4 hours per week for 13 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1

Assessment Strategies:

Continuous Assessment (60%); 2 tests (reading and writing); 2 reading assignments; 1 oral presentation Examination (40%): 1x3 hour examination paper

Module Content:

This module is aimed at assisting students in the development of their reading, writing and speaking and listening skills, in order to cope with studying in a new academic environment and in a language, which may not be their first language. The module also focuses on study skills that students need throughout their academic careers and beyond. The module serves as an introduction to university level academics, where styles of teaching and learning differ from those at secondary schools in that more responsibility is placed on the student. The module therefore, focuses on the skills that students need throughout their academic careers and beyond.

MODULE TITLE	ENGLISH FOR ACADEMIC PURPOSES
Module Code:	LEA3519
NQF Level:	5
NQF Credits:	16
Notional Hours	160
Contact Hours:	4 lectures per week for 13 weeks
Pre-requisite:	LCE3419
Compulsory/Electives:	Compulsory
Semester:	2

Module Content:

The module is designed to cater for the needs of students, who are faced with a task of studying in a new academic environment and in a language, which may not be their first language, or a language of instruction. The MODULE serves as an introduction to university, where styles of teaching and learning differ from those at Secondary school level as they place more responsibility on the student. The MODULE therefore focuses on the academic skills, which they need throughout their academic career and beyond.

Assessment Strategies:

Continuous Assessment: 60% Examination: 40%

YEAR 2

MODULE TITLE	DESCRIPTIVE STATISTICS
Module Code:	STS3531
NQF Level:	5
NQF Credits:	16
Notional Hours	160
Contact Hours:	4 lectures per week for 13 weeks
Pre-requisite:	C in Grade 12 Mathematics
Compulsory/Electives:	Compulsory
Semester:	1

Module Content: Terminologies used in Statistics; data types; data sources; types of measurement; summarisation and presentation of data; measure of central tendency; measures of absolute and relative dispersion; sampling.

Assessment Strategies:

Continuous Assessment 50% (2 tests and 2 assignments); Examination Assessment 50% (1x2 hour paper)

MODULE TITLE	RADIATION TECHNIQUE 2
Module Code:	RRT3680
NQF Level:	6
NQF Credits:	24
Notional Hours	240
Contact Hours:	3 lectures per week for 26 weeks
Pre-requisite:	Radiation Technique 1(RRT3580) & Clinical Radiation Technique 1 (RCR3580)
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content: Specialized radiographic projections of the skeletal system; gastrointestinal tract; biliary tract; genitourinary system; respiratory system; mammography; hypersensitivity, indication and contraindications to contrast studies; application of anatomical and physiological knowledge; adaptation of techniques according to patient condition; critical evaluation of radiographs; high kilo voltage technique; tomography

Assessment Strategies:

Continuous Assessment 50%: (6 tests/assignments); Examination 50% (1x3hour paper)

MODULE TITLE	CLINICAL RADIATION TECHNIQUE 2
Module Code:	RCR3680
NQF Level:	6
NQF Credits:	8
Notional Hours	80
Contact Hours:	16 hours clinical attachment per week for 26 weeks

Pre-requisite: Radiation Technique 1(RRT3580) & Clinical Radiation Technique 1 (RCR3580)
Compulsory/Electives: Compulsory
Semester: 1 & 2

Module Content: Specialized radiographic projections of the skeletal system; gastrointestinal tract; biliary tract; genitourinary system; respiratory system; mammography; hypersensitivity, indications and contraindications to contrast studies; application of anatomical and physiological knowledge; adaption of technique according to patient condition; critical evaluation of radiographs; high kilo voltage technique; tomography

Assessment Strategies:

Continuous Assessment: 50% (4 practical evaluations and 2 Objective Structured Clinical Examinations (OSCE)); Examination Assessment 50% (1 practical evaluation and 1 OSCE will take 30 minutes per student).

MODULE TITLE	HUMAN PHYSIOLOGY A
Module Code:	NAB3631
NQF Level:	6
NQF Credits:	16
Notional Hours	160
Contact Hours:	4 lectures per week for 13 weeks
Pre-requisite:	Human Anatomy and Applied Biophysics A (NAB3551) & Human Anatomy and Applied Biophysics B (NAB3552)
Compulsory/Electives:	Compulsory
Semester:	1

Module Content:

The chemical composition of the body; the cell; body tissues; the blood and concepts of immunity; the heart; the blood vessels; the respiratory system; the skin,

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1x3 hour paper)

MODULE TITLE	HUMAN PHYSIOLOGY B
Module Code:	NAB3632
NQF Level:	6
NQF Credits:	16
Notional Hours	160
Contact Hours:	4 lectures per week for 13 weeks
Pre-requisite:	Human Anatomy and Applied Biophysics A (NAB3551) & Human Anatomy and Applied Biophysics B (NAB3552)
Co-requisite:	Human Physiology A (NAB3631)
Compulsory/Electives:	Compulsory
Semester:	2

Module Content:

The nervous system; special senses; endocrine system; renal system; gastrointestinal system; nutrition; reproductive system; reproduction.

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1x3 hour paper)

MODULE TITLE	PRINCIPLES OF APPARATUS CONSTRUCTION A
Module Code:	RAC3661
NQF Level:	6
NQF Credits:	8
Notional Hours	80
Contact Hours:	2 lectures per week for 13 weeks
Pre-requisite:	Physics for Radiographers (PHY3402)
Compulsory/Electives:	Compulsory
Semester:	1

Module Content:

Electrical concepts; general radiographic equipment; types of x-ray generators and tube supports; automatic exposure control (AEC) devices; mobile, portable, dental, fluoroscopic and cardiology equipment; digital Imaging.

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1x2 hour paper)

MODULE TITLE	PRINCIPLES OF APPARATUS CONSTRUCTION B
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Module Code: RAC3662
NQF Level: 6
NQF Credits: 8
Notional Hours: 80
Contact Hours: 2 lectures per week for 13 weeks
Pre-requisite: Principles of Apparatus Constitution A (NRAC3661) and Physics for Radiographers (PHY3402)
Compulsory/Electives: Compulsory
Semester: 1

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); **Examination Assessment** 50% (1×2 hour paper)

Module Content:

Cardiac imaging equipment; computed Tomography equipment; Mammography equipment; Magnetic Resonance Imaging equipment; Picture Archiving and Communication Systems; Positron Emission Tomography– Computed; Tomography equipment; Tomography equipment; Ultrasound equipment

MODULE TITLE	RADIOGRAPHIC PATHOLOGY
Module Code:	RRP3680
NQF Level:	6
NQF Credits:	24
Notional Hours	240
Contact Hours:	3 lectures per week for 26 weeks
Pre-requisite:	Radiation Technique 1 (RRT3580), Clinical Radiation Technique 1 (RCR3580), Human Anatomy and Applied Biophysics A (NAB3551) and Human Anatomy and Applied Biophysics B (NAB3552)
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Pathogenesis of common diseases; radiographic appearance of common diseases on medical images; radiographic quality in the presence of disease; nature, causes, symptoms, treatment and prognosis of various diseases; various radiographic procedures to pathology; normal and abnormal human structures; radiographic exposure factors associated with pathologies; pathological terms; manifestations of pathological conditions

Assessment Strategies:

Continuous Assessment: 50% (6 tests/assignments); **Examination** 50% (1×3 hour paper)

YEAR 3

MODULE TITLE	RADIATION TECHNIQUE 3
Module Code:	RRP3680
NQF Level:	6
NQF Credits:	24
Notional Hours	240
Contact Hours:	3 lectures per week for 26 weeks
Pre-requisite:	Radiation Technique 1 (RRT3580), Clinical Radiation Technique 1 (RCR3580), Human Anatomy and Applied Biophysics A (NAB3551) and Human Anatomy and Applied Biophysics B (NAB3552)
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Advanced radiographic terminology and anatomical positions; indications and contraindications for specialized medical imaging examinations; silography; sinography; aortography; angiography; interventional radiography; extra corporeal shockwave lithotripsy; dacrocystography; lymphography; myelography; computed tomography; hysterosalpingography; biliary duct procedures; adaptations to specialized medical imaging techniques; adverse reactions to contrast media; aseptic technique; radiographic evaluation in specialized imaging .

Assessment Strategies:

Continuous Assessment: 50% (6 tests/assignments); **Examination:** 50% (1×3 hour paper)

MODULE TITLE	CLINICAL RADIATION TECHNIQUE 3
Module Code:	RCR3780
NQF Level:	7
NQF Credits:	4
Notional Hours	40

Contact Hours: 16 hours clinical attachment per week for 26 weeks
Pre-requisite: Radiation Technique 2 (NRRT3680) & Clinical Radiation Technique 2 (MRRC3680)
Compulsory/Electives: Compulsory
Semester: 1 & 2

Module Content: Radiographic skills involved with supplementary examinations; indications and contraindications of supplementary projections; silography; sinography; aortography; angiography; interventional radiography; extra corporeal shockwave lithotripsy; dacrocystography; lymphography; myelography; computed tomography; hysterosalpingography; biliary duct procedures; critical evaluation of supplementary radiographs; adaptations of techniques; specialized radiographic equipment

Assessment Strategies:

Continuous Assessment: 50% (4 practical evaluations and 2 Objective Structured Clinical Examinations (OSCE)); **Examination Assessment:** 50% (1 practical evaluation and 1 OSCE will take 30 minutes per student)

MODULE TITLE	RADIOBIOLOGY
Module Code:	RRB3780
NQF Level:	7
NQF Credits:	24
Notional Hours	240
Contact Hours:	3 lectures per week for 26 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Ionic and non-ionic bonds; basic cellular biology; direct and indirect effects of radiation; radiation-induced chemical reactions; factors influencing radiation response; lethal dose; radiation dose response curves; stochastic and non-stochastic effects; risk estimates and acute radiation syndrome.

Assessment Strategies:

Continuous Assessment: 50% (6 tests/assignments); Examination 50% (1x3 hour paper)

MODULE TITLE	RADIATION PROTECTION
Module Code:	RPS3780
NQF Level:	7
NQF Credits:	24
Notional Hours	240
Contact Hours:	3 lectures per week for 26 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Radiation protects aspect at different levels, agencies and regulations regarding radiation safety: types and sources of ionizing radiation quantities and units; close limits: radiation monitoring devices and Radiation Management Plan

Assessment Strategies:

Continuous Assessment 50%: (6 tests/assignments); Examination: 50% (1x3 hour paper)

MODULE TITLE	HEALTH RESEARCH METHOD A
Module Code:	NHR3761
NQF Level:	7
NQF Credits:	8
Notional Hours	80
Contact Hours:	3 lectures per week for 26 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1

Module Content:

The importance of research in health related fields; a research problem in terms of unit analysis, purpose and objectives; different methods to obtain applicable literature; research designs; theories and conceptual frameworks; ethical measures in research

Assessment strategy:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment 50% (1x3 hour paper)

MODULE TITLE	HEALTH RESEARCH METHOD B
Module Code:	NHR3762
NQF Level:	7
NQF Credits:	8
Notional Hours	80
Contact Hours:	2 lectures per week for 13 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	2

Module Content:

Distinguish between different data collection instruments; design and discuss the implementation of data gathering instruments; organize and analyse quantitative data; organize and analyse qualitative data; draft a research proposal

Assessment strategy:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment: 50% (1×3 hour paper)

MODULE TITLE	PHARMACOLOGY AND MICROBIOLOGY FOR RADIOGRAPHER
Module Code:	RPR3772
NQF Level:	7
NQF Credits:	16
Notional Hours	160
Contact Hours:	4 lectures per week for 13 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	2

Module Content:

Pharmacology Manage a health facility by assessing proactively the drug(s)/ medicines; sources of drugs/medicines; routes of drug administration; calculation of doses; contrast media with regard to pharmacokinetics and pharmacodynamics; drug administration; legal and ethical aspects
Microbiology Fundamental concepts of microbiology, types of microorganisms and parasites, interaction between humans and microbes, methods used in health to control microbial growth, reaction of the body to microbial invasion

Assessment Strategies:

Continuous Assessment: 50% (3 tests/assignments per semester); Examination Assessment: 50% (1×3 hour paper)

YEAR 4

MODULE TITLE	APPLIED RADIOGRAPHIC PRACTICE
Module Code:	RPR3870
NQF Level:	8
NQF Credits:	32
Notional Hours	320
Contact Hours:	4 lectures per week for 26 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Pattern recognition: chest radiography; quality assurance; advances in diagnostic imaging; health systems management

Assessment Strategies:

Evaluation of four portfolios (each portfolio contributes 25% of the examination mark).

MODULE TITLE	RADIOGRAPHY ETHICS AND PROFESSIONAL PRACTICE
Module Code:	RHE3870
NQF Level:	8
NQF Credits:	32
Notional Hours	320
Contact Hours:	4 lectures per week for 26 weeks
Pre-requisite:	History of Radiology and Ethics (NRHE3572)
Compulsory/Electives:	Compulsory

Semester: 1 & 2

Module Content:

Professional practice aspects; medico– legal aspects; malpractice aspects; scope of practice for radiographers; radiographer registration requirements; accountability and responsibility; interpersonal relations; professional standards; legal implications; law specific to the radiologic sciences; ethical problems and moral reasoning

Assessment Strategies:

The module will be facilitated through the following learning activities: lectures, assignments, self– study and group discussions.

MODULE TITLE	RESEARCH PROJECT
Module Code:	NHR3810
NQF Level:	8
NQF Credits:	32
Notional Hours	320
Contact Hours:	4 lectures per week for 26 weeks
Pre-requisite:	None
Co-requisite	Health Research Methods A (NHOURL3761) & Health Research Methods B (NHOURL3762)
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Project implementation/ fieldwork

Assessment Strategies:

Report represent 100% of the Assessment

MODULE TITLE	MANAGEMENT FOR RADIOGRAPHERS
Module Code:	RMR3810
NQF Level:	8
NQF Credits:	32
Notional Hours	320
Contact Hours:	4 lectures per week for 26 weeks
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester:	1 & 2

Module Content:

Planning in radiography unit; organization in a radiography unit; personnel management; leadership; control and evaluation; professional practice in health service management

Assessment Strategies:

Continuous Assessment: 50% (6 tests/ assignments); Examination: 50% (1×3 hours paper)

Prospectus 2024