

# PROSPECTUS 2020



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**FACULTY OF HEALTH SCIENCES**  
*School of Public Health*

Open your mind



# FACULTY OF HEALTH SCIENCES SCHOOL OF PUBLIC HEALTH

PROSPECTUS 2020

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Edited & Published by the School of Public Health,  
University of Namibia, Oshakati Campus

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## NOTE

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This Prospectus is valid for 2020 only. Regulations and curricula for 2020 may be amended. General regulations and information appear in the 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 2020.

The fact that particulars of a specific course or field of study have been included in this Prospectus does not necessarily mean that such course or field of study will be offered in 2020 or any consecutive year.

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

## UNAM CORE DATES

### FIRST SEMESTER:

2020

6 January	Start of Summer School (until 26 January)
9 January	University Open
21 January	Academic staff resumes office duties
3 February	Lectures commence for FIRST SEMESTER
16 March	First semester BREAK starts (until 20 March)
23 March	Lectures resume after first semester break
08 May	Lectures end for FIRST SEMESTER
14 May	Regular Examinations commence
5 June	Regular Examinations end
15 June	Special/Supplementary Examinations start (until 19 June)
26 June	End of first semester
29 June	Start of Winter School (until 17 July)
29 June – 3 July	Mid-year Break

### SECOND SEMESTER

20 July	Lectures commence for SECOND SEMESTER
24 August	Second semester BREAK starts (until 28 August)
31 August	Lectures resume after second semester break
16 October	Lectures end for SECOND SEMESTER
22 October	Regular Examinations commence
12 November	Regular Examinations end
20 November	Special/Supplementary Examinations start (until 26 Nov)
02 December	End of second semester
15 December	End of academic year
7 January 2021	Start of Summer School (until 25 January)
11 January 2021	University opens (2021 academic year)
21 January 2021	Academic staff resumes office duty

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## MEETING DATES FOR THE YEAR 2020

### SENATE

9 June	Agenda closes 19 May
1 September	Agenda closes 11 August (Curriculum changes)
17 November	Agenda closes 27 October

### APC TASK GROUP MEETINGS FOR CURRICULUM CHANGES

22 – 26 June	Agenda closes 3 June
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### ACADEMIC PLANNING COMMITTEE (APC)

13 May	Agenda closes 28 April
6 Aug	Agenda closes 23 July (Curriculum changes)
13 October	Agenda closes 29 September

### CALENDAR & TIMETABLE COMMITTEE (CTC)

14 August	Agenda closes 31 July (Core dates)
16 October	Agenda closes 2 October (Calendar)

### LIBRARY & INFORMATION TECHNOLOGY COMMITTEE (LITC)

19 March	Agenda closes 5 March
11 June	Agenda closes 28 May
21 October	Agenda closes 7 October

### ADMISSIONS AND EXAMINATIONS COMMITTEE (AEC)

4 February	Agenda closes 21 January (Admissions –Special cases)
3 March	Agenda closes 18 February
04 August	Agenda closes 21 July (Examiners/Moderators/ Promotion of students)
14 December	Agenda closes 4 December

**DEANS' COMMITTEE**

11 March Agenda closes 26 Feb  
15 July Agenda closes 17 June  
7 October Agenda closes 23 September  
04 November Agenda closes 14 October

**PVC ADMINISTRATION FORUM**

10 March Agenda closes 25 Feb  
14 July Agenda closes 16 June  
06 October Agenda closes 22 September  
03 November Agenda closes 13 October

**PVC: RID FORUM**

12 March Agenda closes 27 February  
16 July Agenda closes 18 June  
08 October Agenda closes 24 September  
05 November Agenda closes 15 October

**COUNCIL**

13 March Agenda closes 21 February  
19 June Agenda closes 29 May  
4 September Agenda closes 14 August  
27 November Agenda closes 12 November

**FINANCE COMMITTEE (FC)**

27 April Agenda closes 6 April  
25 June Agenda closes 11 June  
2 October Agenda closes 18 September (Approval: Budget & Fees)

**AUDIT COMMITTEE (AC)**

07 May Agenda closes 23 April (Financial Statements & Management Letter)  
28 July Agenda closes 14 July  
29 September Agenda closes 15 September

**PHYSICAL PLANNING COMMITTEE (PPC)**

31 March Agenda closes 10 March  
7 July Agenda closes 23 June  
22 September Agenda closes 8 September

**HUMAN RESOURCES COMMITTEE (HRC)**

18 March Agenda closes 4 March (Staff Development)  
15 April Agenda closes 1 April (Promotions)  
06 May Agenda closes 22 April  
19 August Agenda closes 5 August (New positions & structures)  
16 September Agenda closes 3 September (Promotions)

**PROCUREMENT COMMITTEE**

5 February Agenda closes 22 January  
26 February Agenda closes 12 February  
17 March Agenda closes 3 March  
01 April Agenda closes 18 March  
08 May Agenda closes 21 April  
10 June Agenda closes 27 May  
24 June Agenda closes 10 June  
22 July Agenda closes 8 July  
12 August Agenda closes 29 July  
08 September Agenda closes 21 August  
30 September Agenda closes 16 September  
22 October Agenda closes 8 October  
12 November

**REMUNERATION COMMITTEE**

04 March Agenda closes 19 February  
14 September Agenda closes 31 August

**VICE CHANCELLOR'S MANAGEMENT COMMITTEE (Council Matters)**

6 February	Agenda closes 23 January
29 May	Agenda closes 14 May
30 July	Agenda closes 06 July
29 October	Agenda closes 15 October

**VICE CHANCELLOR'S MANAGEMENT COMMITTEE (Audit, Risk & Compliance)**

25 March	Agenda closes 11 March
20 August	Agenda closes 06 August

**VICE CHANCELLOR'S MANAGEMENT COMMITTEE**

5 March	Agenda closes 20 February
02 April	Agenda closes 19 March
23 June	Agenda closes 09 June
24 September	Agenda closes 10 September
13 November	Agenda closes 30 October

**DUE DATES FOR THE 2020 ACADEMIC YEAR**

DATE	GENERAL DATES
17 January	Last day for appeals (Semester 2 & Double modules – Regular and Supplementary/Special examinations of November 2019)
7 February	Last day for application of retention of continuous assessment (CA) mark and Last day for application for exemption(s)
7 February	Last day for Late Registration ( <i>Late fee payable</i> )
7 February	Last day for approval of exemption(s)
7 February	Last day for approval of module(s) & qualification changes
12 February	Last day for recommendation of retention of continuous assessment mark and Promotion Examinations by Faculties
14 February	Last day for approval of retention of continuous assessment mark and Promotion Examination by Examinations Department
28 February	Promotion Examination
29 April	Last day for change of offering types at Regional Centres (Semester 1 modules)
3 August	Last day for Appeals (Semester 1 Modules - Regular and Supplementary/Special examinations of June 2019)
21 August	Last day to submit outstanding documentation
20 September	Last day to change offering types at Regional Centres (Semester 2 modules)
18 September	Last day to cancel enrolment
30 October	Last day to submit Theses and Dissertations for examinations
DATE	CANCELLATION DUE DATES
30 April	Last day to cancel Semester 1 modules
18 September	Last day to cancel Semester 2 modules
18 September	Last day to cancel Double modules (module that extends normally over one academic year)
DATE	FINANCE DUE DATES
2 March	Last day to cancel Semester 1 and Double modules with 100% credit
03 April	Last day to cancel Semester 1 modules with 50% credit
5 June	Last day to cancel Double modules with 50% credit
07 August	Last day to cancel Semester 2 modules with 100% credit
31 August	Last day to cancel Semester 2 modules with 50% credit

**MPH contact session for 2020**

- Monday, 27 January- 31 January 2020: Thesis workshop for Senior MPH and Field Epidemiology students.
- Monday, 3 February -7 February 2020: 1st Contact session (MPH 1st and 2nd years).
- Monday, 1 June-5 June 2020: 2nd contact session (MPH 1st and 2nd years)
- Monday, 31 August-4 September 2020: 3rd contact session (MPH 1st and 2nd years)



**FACULTY OF HEALTH SCIENCES AND OSHAKATI CAMPUS**

Assistant Pro-Vice Chancellor Faculty of Health Sciences	Vacant
Dean of the Faculty of Health Sciences	Prof Rennie Timothy
Associate Dean School of Public Health	Dr. Kabwebwe Honoré Mitonga

Faculty Officer School of Public Health	Mr. Elifas Nakale
Administrative Officer School of Public Health	VACANT
Secretary of the Associate Dean	Ms Esther Muhepa
Examination Officer	Mr. Paulus Ambata
Security Officer	VACANT
ICT Officer	Mr. Ronny Jantjies
Driver	VACANT

**OSHAKATI CAMPUS OFFICE**

Oshakati Campus Assistant Pro-Vice Chancellor	Dr. Paulina Uugwanga
Secretary to the Campus Assistant Pro-Vice Chancellor	Mrs. Elly Kanana

General enquiries regarding the School of Public Health and the qualifications offered by the School should be directed to:

Mr. Elifas Nakale Faculty Officer School of Public Health University of Namibia Private Bag 13301 WINDHOEK Email: enakale@unam.com Telephone: +264-65-2232207 Fax: +264 65- 2232311	OR	Dr Iita Hermine HOD: HPM School of Public Health University of Namibia Private Bag 13301 WINDHOEK hiita@unam.na +264 (0) 65 223 2254 +264 65- 2232311	OR	Dr Penehafo Angula HOD: CGH School of Public Health University of Namibia Private Bag 13301 WINDHOEK pangula@unam.na +264 (0) 65 223 2253 +264 65- 2232311
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OR Mr Desderius Haufiku  
HOD: EOH  
School of Public Health  
University of Namibia  
Private Bag 13301  
Windhoek  
[hdesderius@unam.na](mailto:hdesderius@unam.na)  
Tel: 065-2232308

P.O.BOX 2654 OSHAKATI

Matters regarding specific subjects and departments should be addressed to the relevant Head of Department. Names of departments are abbreviated, however, they are written in full on page X

## ACADEMIC DEPARTMENTS AND PROGRAMMES

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### SCHOOL OF PUBLIC HEALTH

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#### SCHOOL OF PUBLIC HEALTH STRUCTURE AND ACADEMIC DEPARTMENTS

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##### OFFICE OF THE ASSOCIATE DEAN

☎ (+264 65)

📠 (+264 65)

✉ Private bag 13301, Windhoek, Namibia

Associate SOPH Dean	Dr. Kabwebwe Honoré Mitonga
Deputy Associate Dean SOPH (Oshakati)	VACANT
Faculty Officer School of Public Health	Mr. Elifas Nakale
Faculty Officer Postgraduate Studies	Ms Agnes Shipanga
Administrative Officer School of Public Health	VACANT
Secretary	Ester Muhepa
Examination Officer	Mr. Paulus Ambata
Security Officer	VACANT
ICT Officer	Vacant
Driver	VACANT
Research, Institutional Development and grants management Unit Head	VACANT

##### Department of Health Policy and Management

☎ (+264 652232254)

📠 hiita@unam.na

✉ Private bag 13301, Windhoek, Namibia

Head of Department:	Dr lita Hermine
Professor:	Vacant
Associate Professor:	Vacant
Lecturer:	Mr. Desderius Haufiku
Lecturer:	Dr Washington Tonderai Shumba
Lecturer:	Mr Flashman Joel Anyolo
Assistant Lecturer:	Vacant
Technologist:	Vacant

Lecturers:

Dr Shumba, Tonderai: **BSc(Hons) Physiotherapy(UZ), Masters in Public Health (UNAM), PhD Public Health (UKZN)**

Mr Flashman Joel Anyolo: MPH (VU), *Bachelor of Science in Ophthalmology(UCMSC)*, Post Graduate Diploma in Community Eye Health Management (LVPEI), Post Graduate Diploma in Clinical Ophthalmology (MCHS), Post Graduate Certificate in Community Eye Health (UCT).

## Department of Community and Global Health

☎ (+264 65) 2232253

✉ pangula@unam.na

✉ Private bag 13301, Windhoek, Namibia

Head of Department: Dr Penehafo ANGULA

Professor: Vacant

Associate Professor: Vacant

Lecturer: Dr Anna Shilunga

DR PENEHAFO ANGULA: RN, RM, RT, BNSC (UNAM) BNSC ADV PRACHONS (UNAM), MNSC (UNAM), Doctor of Philosophy (Public Health) (UKZN)

DR ANNA SHILUNGA: RN, RM, RCN, RPN, BNSC. ADV PRACTICE (UNAM);POSTGRAD DIP IN PH (UNIVERSITY OF LIMPOPO-MEDUNSA -EDUNSA),MPH (UNIVERSITY OF LIMPOPO-MEDUNSA), PHD (UNAM)

Dr H IITA: RN, RM, RCN, RPN, RNA, RT, CHN NADM, POSTGRADIP (TERTIARY EDUCATION) (UNISA), DIPADULT EDUCATION & COMMDEV (UNAM), BACUR (UNISA) MNSC (UNAM). DNSC (UNAM)

Dr Hans AJ AMUKUGO: RN, RM, RCN, RNA, RT, RPN B.CUR.ED ANDADM (MEDUNSA) MNSC (MEDUNSA) DNSC (UNAM)

Dr Wilma WILKINSON: RN, RM, RT, RCN, RPN, MSOCSCPSYC (UOFS), BCUR PROGPRAXHONS (UNAM).DCUR. (PSYCH)UNIV. OF JOHANNESBURG

MS T NAUISEB: RN, RM, R CHN, NE, BNSC (UNAM) MPUB.HEALTH (MEDUNSA/LIMPOPO)

MS N G SUMPI: RN, RM, RCN, RNA, REDUC, BCUR (MEDUNSA), BCURPROG PRAXHONS (UNAM).DIPPUBHEALTH (MEDUNSA) MPUBHEALTH (MEDUNSA)

MS M B TIBINYANE:RN, RM, RCHN, RADMIN, RED, RPSYC, BCUR (ZULULAND) BNSCADVPRAC HONS (UNAM) MED SOC HONS (NORTH -WEST UNIV.) MASTERINMED.SOC. (UNIV.NWPROVNC.)

Assistant Lecturer: Vacant

Technologist: Vacant

## Department of Epidemiology and Biostatistics

☎ (+264 61) 2065003

☎ (+264 61) 2065090

✉ Private bag 13301, Windhoek, Namibia

Head of Department: Vacant

Professor: Vacant

Associate Professor: Vacant

Lecturer: Ms Olivia Nakwafila

Lecturer:

Assistant Lecturer: Vacant

Technologist: Vacant

Lecturers:

Ms Olivia Nakwafila: Bachelor of Biomedical Sciences (BSC) (NUST); SBB- Specialization in Blood Transfusion; Masters in Field Epidemiology (MSC in Field Epidemiology) (UNAM)

## Department of environmental and occupational Health

☎ (+264 61) 2065020

☎ (+264 61) 20645090

✉ Private bag 13301, Windhoek, Namibia

Head of Department: Mr Desderius Haufiku

Professor: Vacant

Associate Professor: Vacant

Lecturer: Ms Anna Alfeus

Lecturer: Dr Billy McBenedict  
Assistant Lecturer: Vacant  
Technologist: Ms Wilhelmina Hauwanga

Lecturers:

Mr Desderius Haufiku, MPH, University of the Western Cape (UWC); BNSc Advanced Practice (Health Services Management and Community Health), UNAM; Postgraduate Diploma in Nursing Science (Health Promotion, Clinical Diagnosis and Treatment), UNAM; Diploma in Nursing Science (General Nursing, Community Health, Psychiatry and Midwifery), UNAM, Certificate in Pharmacotherapy, UNAM

Dr. Billy McBenedict: BSc (Honors): Molecular Biology and Biochemistry (UNAM); MSc Molecular Biology and Biochemistry (UNAM); PhD: Micro Biology (Sandwich: University of Namibia, and University of Zambia)

Ms Anna Alfeus: **Master's Degree of Environmental Contamination and Toxicology** (University of Porto); **Bachelor's Degree of Environmental Health Science** (NUST)

Unit: Research, Institutional Development and grants management

☎ (+264 61) 2065020

📠 (+264 61) 20645090 ✉ Private bag 13301, Windhoek, Namibia

Head of Unit: Vacant  
Appointed Members: Vacant



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## SCHOOL PREAMBLE

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### University of Namibia Vision:

To provide quality higher education through teaching, research and advisory services to our customers with the view 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.

### University of Namibia Mission

To be a beacon of excellence and innovation in teaching, research and extension services.

### School of Public Health Vision

Our vision is to provide academic leadership in the region and Africa at large as a Centre of Excellence in the field of Public Health through education, research and community Service.

### School of Public Health Mission

Our mission is to improve population health and contribute to health equity in Namibia and regionally through quality education, research, and community service.

### School of Public Health Aims and objectives

#### Aims

The School shall provide competent practitioners, professionals and researchers capable of addressing Public Health issues at various levels of health care system. The graduates will be equipped to develop and influence public policies and emerge as leaders in the field of public health.

The School will enroll students from diverse professional backgrounds both locally, regionally and internationally and will have formalized relationship with well-known public health academic institutions.

Public health research and publications will feature prominently on the agenda of the School. This will help the School to remain relevant and up to date of the Global health.

The course curriculum caters for undergraduate and postgraduate programs. The education meet identified competences which help with the evidence based practice of Public Health and be action oriented, to assist in tackling major public health problems facing the populations in Namibia, sub-region and the World.

The School of Public Health at the University of Namibia is committed to promote health among individuals and communities in Namibia, Africa and the world through integrated multidisciplinary and inter-sectoral public health system approaches to research and creative activities, teaching, and community engagement.

The key objectives of the School of Public Health are:

- To provide Public Health Education and produce different competent cadres at various levels who will be capable of addressing major health problems facing the populations in Namibia, sub-region, Africa and the world at large.
- Create an educational portfolio leading to the award of Certificates, Bachelor degrees (Honours), postgraduate Diplomas, Master and PhD of Public Health.
- To train competent people who would influence, inform and implement public health policies

- Create a pool of skilled Public Health practitioners and researchers to address the public Health issues within the country and the Southern Africa Region and the World.
- To promote regional and international coordination and collaboration in order to share the best public health practices

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## SCHOOL PROGRAMMES

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The School of Public Health of the University of Namibia offers the following qualifications:

- Bachelor of Science in Public Health (Honours) (year 1)
- Master of Public Health
- Master of Science in Field Epidemiology and Laboratory training
- Doctorate in Public Health

### Bachelor of Science in Public Health (Honours)

The UNAM SoPH will offer the four year general Bachelor of Science in Public health (Honours). The objectives of the undergraduate courses are to educate, fosters leadership, and provide students with essential hands-on experience to meet today's complex public health demands. The courses will offer critical thinking skills and an interdisciplinary approach to public health interventions and will prepare students to develop the necessary skills and competency to initiate, design, plan, implement and monitor and evaluate relevant public health programs.

### Master of Public Health (23NMPH)

In addition to the undergraduate degree, the UNAM SoPH will continue to offer the current MPH degree programme. It spans a two-year period (course work), with a maximum of three years allowed for graduation. The overall objectives for the MPH degree focus on the creation of a leadership cadre in public health who:

- understand the core disciplines in public health;
- are able to incorporate new knowledge, skills, and competencies related to analysis of health care systems and data;
- can act as change agents for population-based health management; and
- Are able to critically analyse information and health determinants to influence public health policy and create new knowledge to facilitate evidence-based decision-making in public health.

### Master of Science (MSc) in Field Epidemiology and Laboratory Training (23MPEL)

The UNAM SoPH will also continue to offer the current Namibia Field Epidemiology and Laboratory Training Program (NamFELTP). Ministry of Health and Social Services has identified the lack of expertise in the area of field epidemiology and public health laboratory practice as key challenges in the country's response to the many outbreaks and other public health events of national and international concern. NamFELTP is a two-year, full time competency-based training designed to build capacity in applied epidemiology and public health laboratory practice in the country. The training comprises 25% didactics and 75% field placement.

The purpose is to:

- Train field epidemiologists and public health laboratory managers who will contribute measurably to the health of Namibia and beyond.
- Strengthen surveillance of disease and other health events, effectively investigate and respond to outbreaks and
- Provide evidence for decision making in various areas of health with the emphasis on problem solving.

The graduates will also use their competencies in teaching and mentoring to train others thereby developing an institutionalized self-sustaining capacity to train in the country.

## PhD Programme

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In addition to the two Master degrees, the UNAM SoPH will continue to offer the current Doctor of Philosophy in Public Health programme. Multidisciplinary PhD programme offered in Public Health that exposes students to the full breadth and depth of public health.

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## CURRICULUM FOR THE BACHELOR OF SCIENCE IN PUBLIC HEALTH (HONOURS)

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### REGULATIONS

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The regulations should be read in conjunction with the General Information and regulations prospectus

### PROGRAMMES

Bachelor of Science in Public Health (Honours)

23BSPH

COURSE CODE: 23BSPH

### INTRODUCTION

The Bachelor of Science in Public Health (Honours) degree curriculum aims to develop students understanding and confidence in their ability to interact with key public health concepts. This will develop from the concepts introduction, through to analysis and then to the more complex ability of synthesizing ideas and skillfully interacting with the literature, with students formulating their own academic position on areas of public health. The curriculum furthermore is geared towards producing competent practitioners, professionals and researchers, capable of managing Public Health issues at various levels of health care system.

The objectives of this undergraduate public health education programme are to educate, foster leadership, and provide students with essential hands-on experience to meet today's complex public health demands in addressing health disparities and promote the health of populations, families, and individuals, locally, nationally and globally.

Public health profession calls for humanistic values and a sense of responsibility towards protecting and improving the health of communities, families and individuals. It strives to adhere to values and ethics that are appropriate to public health activity together with encouraging practice that promotes equality, challenges systems and it is non-judgmental of individuals.

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## MAJOR LEARNING OUTCOMES AND CONTENT OF THE COURSE

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At the end of the BSc. Public Health (Honours) degree programme, the graduates, as generalist in public health, will be able to demonstrate the following major learning outcomes:

### Community Development and Health Promotion

1. Conduct a community diagnosis and formulate cost-effective public health interventions with community involvement
2. Identify and manage public health problems using different public health strategies and techniques
3. Implement primary Health Care interventions at households, community and regional levels.
4. Designing educational programmes



## Epidemiology

5. Elaborate measures for disease control including surveillance, screening and quarantine,
6. Manage and Inspect health and safety standard in public settings (School, hospitals, prisons, homes, etc.) including **borders' hygiene inspection and quarantine**
7. Carry out outbreak investigation, diagnose the its magnitude and formulate appropriate interventions/responses
8. Implement prevention strategies for Communicable and non-communicable diseases of public health importance
9. Implement control and eradication measures for endemics and pandemics diseases.
10. Implement programmes for vaccination, food supplementation and diversification as well as micronutrient.

## Health Policy and Management

11. Monitor and enforce the Public health policies, rules and regulations and all related legislations
12. Manage health systems for health care delivery taking into account equity, technological advances and impact

## Food and drug safety

13. Manage systems for controlling microbial, biological, physical and chemical food hazards
14. Implement food quality assurance at port of entry, market or production sites
15. Enforce compliance with food and drugs related legislation through inspection and testing

## Toxicology and Environmental Pollution Control and Management

16. Monitor the quality of Water and air and institute purification measure under different circumstances
17. Assess noise and lighting levels in different setting and insure compliance with set standard
18. Monitor and insure compliance with standard of Sanitation in urban and rural setting.
19. Monitor the use of pesticide, insecticide and other chemicals used in agriculture and veterinary and households.
20. Perform an Environmental Impact Assessment (EIA), Environmental Auditing, Environmental Risk Assessment (ERA) and Environmental Management System (ISO 14001) as a member of a team.

## Occupational Health and Safety

21. Monitor and promote occupational health and safety in the work places through health risk Assessment, safety and hygiene assessments, compliance with legislation and standards

The content of the curriculum comprises but is not limited to the following:

- *Health Policy and Management:* Social Security, Welfare and Community Development, Namibian Health, Social security and Environmental legislation, Management of Health Systems I, Hospital Administration, Ethics in Public Health, Management of Health Systems II, Monitoring and Evaluation of Health Programs, Disaster Preparedness and Management, Health Economics.
- *Community and Global Health:* Sociology and Anthropology of Health, Introduction to communication techniques, Introduction to Public Health, Psychology of Health, Communicable and Non Communicable diseases, Health Promotion and Education, Nutrition in Public Health, Contemporary Global Public Health Issues, Maternal and Child Health.
- *Epidemiology and Biostatistics:* Introduction to Epidemiology, Introduction to Health Demography, Biostatistics, Diseases' Surveillance and outbreak investigation in Public Health, Health Research Methods and Evidence based Public Health, Statistical Methods in Epidemiology, Research Project, Public Health informatics.
- *Environmental and occupational Health:* Human Biology, Chemistry for Life Sciences, Applied Microbiology, Laboratory Safety and Bio security, Environmental Health I, Applied Biochemistry for Public Health,

Occupational Health and Safety, Toxicology and bio-contaminants, Applied Parasitology and Mycology, Waste Management, Food and Drug Safety, Environmental Health II, Veterinary Public Health Issues.

- *Professional experience*: field attachments including rural, community, hospital and industrial practice attachments.

## CRITERIA FOR ADMISSION

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To be admitted for the Bachelor of Science in Public Health (Honours) programme a prospective candidate must:

- Hold a valid Namibian Senior Secondary Certificate (NSSC) (Ordinary or Higher) or a recognized equivalent qualification. English is a compulsory subject and should have been obtained as a second language at NSSC (O level) with a minimum C symbol or English as a first language at NSSC (O level) with a minimum D symbol.
- In addition to the above, admission to the Bachelor of Science in Public Health (Honours) course requires at least a symbol C on NSSC (or equivalent) in Mathematics; at least a symbol C on NSSC (or equivalent) in Biology and at least a symbol C on NSSC (or equivalent) in Physical Sciences.
- A candidate should obtain a minimum of 25 points on the UNAM Evaluation Point Scale in his/her five (5) best subjects (of which Mathematics and English must be included) to be admitted to Bachelor of Science in Public Health (Honours) (Refer to the General Admission Criteria for Undergraduate Programmes in the General Information and Regulations Yearbook).
- Obtaining the minimum number of points, however, does not necessarily ensure admission. Admission is based on places available and is awarded on the basis of merit.
- 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. In addition, the Numerical ability paper for Science students must be passed with a minimum of 50%.

## DURATION OF STUDY

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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 OF COURSES

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Learning outcomes relate to the three domains: cognitive (knowledge), affective (attitudes), and psychomotor (skills). Most of the modules include practical components. The delivery modes and techniques include, but are not limited to, case studies that will require students to use higher cognitive skills, role plays and real life experiences.

## ASSESSMENT CRITERIA

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1. *Admission to examination*: To qualify for examination in a module, the continuous assessment mark must be at least 40%.
2. The Continuous Assessment mark will constitute 50% of the Final mark and the Exam will be 50 % of the Final mark unless otherwise indicated in the module descriptor.
3. Pass Requirements: The minimum final pass is 50% for each module.
4. Supplementary Examination: See General Information and Regulations Prospectus.

## RE-ADMISSION REGULATIONS

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To be re-admitted to the School of Public Health for a particular year of registration, a student must have passed the minimum number of courses required as indicated below:

- The equivalent of 48 credits by the end of the first year: of these, at least 32 credits must be non-core
- The equivalent of 128 credits by the end of the second year
- The equivalent of 208 credits by the end of the third year
- The equivalent of 328 credits by the end of the fourth year
- The equivalent of 448 credits by the end of the fifth year

## ADVANCEMENT AND PROGRESSION RULES

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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, prerequisites for modules have to be passed before a student can proceed to register for modules that require prerequisites.

- To advance to the second year a student must have passed at least 104 credits. A student who has passed at least 72 (but less than 104) first year credits, will be allowed to register for a maximum of 48 second year credits (in addition to the failed modules) provided that the relevant pre-requisites have been passed.
- To advance to the third year of the programme a student must have passed a total of 208 credits. A student who has passed less than 208 credits will be allowed to register for a maximum of 48 credits per semester (including the failed modules) provided that the relevant pre-requisites have been passed.
- To advance to the fourth year of the programme a student must have passed all first year modules, and a total of at least 304 credits. A student who did not pass all first and / or passed less than 304 credits in total, will be allowed to register for a maximum of 48 credits per semester (including the failed modules) provided that the relevant pre-requisites have been passed.

## MAXIMUM CREDITS OF MODULES PER YEAR

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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: 152 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 176 credits

## GRADUATION

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A student can ONLY graduate with a Bachelor of Science in Public health (Honours) Degree if she/he has passed the entire prescribed modules (576 credits) of the program.

## GRADING OF EXAMINATIONS

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The UNAM grading system shall apply to all modules in the course including the Project.

## AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN PUBLIC HEALTH (Honours)

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A student must meet all requirements of this programme and the General University Information and Regulations in order to be awarded the BACHELOR OF SCIENCE IN PUBLIC HEALTH (Honours).

## CURRICULUM STRUCTURE

The curriculum for the degree of BACHELOR OF SCIENCE IN PUBLIC HEALTH (Honours) consists of four years of learning spread over 8 semesters each of 14 weeks of lectures and 2 weeks of examinations, resulting in a 16 week semester. A full module carries 16 credits and is offered at specific contact hours plus specific hours of practical and/tutorial per week as specified in the module descriptors. In addition, the curriculum includes 4 weeks of experiential learning in the form of field attachment at the end of years 3 semesters 1 or 2. The total number of credits for the degree is 576.

YEAR 1 SEMESTER 1 (16 WEEKS)					
Module Title	Code	NQF Level	Credits	Hrs	Pre /Co-requisites
English Communication & Study Skills	LCE3419	4	16	4L	
Contemporary social issues	CSI3580	5	8	2L	
Basic Mathematics	MAT3511	5	16	4L + 2T	
Sociology and Anthropology of Health	BPH3501	5	8	2L	
Introduction to Public Health	BPH3511	5	16	4L	
Introduction to Biology	BLG3511	5	16	4L + 3 P	

YEAR 1 SEMESTER 2 (16 WEEKS)					
Module Title	Code	NQF Level	Credits	Hrs	Pre /Co-requisites
English for Academic Purposes	LEA3519	5	16	4L	Pre-requisite Eng. Comm. & Study Skills LCE 3419
Contemporary social issues	CSI 3580	5	8	2L	
Introduction to Epidemiology	BPH3512	5	16	4L	
Computer Literacy	CLC3509	5	8	2L	
Chemistry for Life Sciences	CHM3532	5	16	4L + 3P	
Social Security, Welfare and Community Development	BPH3502	5	8	2L	
Introduction to Health Demography	BPH3522	5	8	2L	

TOTAL CREDITS			152		
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YEAR 2 SEMESTER 1 (16 WEEKS)					
Module Title	Code	NQF Level	Credits	Hrs	Pre /Co-requisites
Introduction to communication techniques	BPH3601	6	8	2L	
Applied Microbiology	BPH3611	6	16	4L + 3P	BLG3511 Introduction to Biology
Environmental Health I	BPH3631	6	16	4L	
Applied Biochemistry for Public Health	BPH3651	6	16	4L + 3P	CHM3532 Chemistry for Life Sciences
Occupational Health and Safety	BPH3671	6	16	4L	
YEAR 2 SEMESTER 2 (16 WEEKS)					
Module	Code	NQF Level	Credits	Hrs	Pre /Co-requisites
Bio-statistics for Public Health	BPH3612	6	16	4L + 2T	Pre-requisite Basic Maths MAT3511
Communicable and Non Communicable diseases	BPH3632	6	16	4L	
Applied Parasitology and Mycology	BPH3652	6	16	4L + 3P	
Management of Health Systems I	BPH3672	6	16	4L + 2T	
Psychology of Health	BPH3622	6	8	2L	
TOTAL CREDITS			144		

YEAR 3 SEMESTER 1 (16 WEEKS)					
Module Title	Code	NQF Level	Credits	Hrs	Pre /Co-requisites
Laboratory Safety and Bio- security	BPH3721	7	8	2L + 2P	
Food and Drug Safety	BPH3701	7	8	4L+1.5P	Pre-requisite Applied Microbiology BPH3611
Diseases' Surveillance in Public Health	BPH3711	7	16	4L	
Health Research Methods and Evidence based Public Health	BPH3731	7	16	4L	Pre-requisite Introduction to Epidemiology BPH3512
Statistical Methods in Epidemiology	BPH 3751	7	16	4T + 3P	Pre-requisite Biostatistics for Public Health BPH3612

FIELD ATTACHMENT -YEAR 3 (2 x 4 WEEKS)					
Module	Code	NOF Level	Credits	Hrs	Pre /Co-requisites
Field Attachment	BPH3799	7	8	4 Weeks	
TOTAL CREDITS			8		

YEAR 3 SEMESTER 2 (16 WEEKS)					
Module	Code	NOF Level	Credits	Hrs	Pre /Co-requisites
Waste Management	BPH3772		16	4L +3P	
Health Promotion and Education	BPH3712	7	16	4L	Pre-requisite Introduction to communication techniques BPH3601
Nutrition in Public Health	BPH3732	7	16	4L+ 2P	Pre-requisite Applied Biochemistry for Public Health BPH3651
Hospital Administration	BPH3702	7	8	2L	
Environmental Health II	BPH3752	7	16	4L + 3P	Pre-requisite Environmental Health I BPH3631
TOTAL CREDITS			144		

YEAR 4 SEMESTER 1 (16 WEEKS)					
Module Title	Code	NOF Level	Credits	Hrs	Pre /Co-requisites
Research Project	BHP3810	8	16	4P	Pre-requisite Health Research Methods and Evidence based Public Health BPH3731; Statistical methods in Eipidemiology BPH 3751
Global Public Health	BPH3811	8	16	4L	
Ethics in Public Health	BPH3801	8	8	2	
Management of Health Systems II	BPH3831	8	16	4L + 2T	Pre-requisite Management of Health Systems I BPH3672
Veterinary Public Health Issues	BPH3851	8	16	4L	Pre-requisite Food and Drug Safety BPH3701

YEAR 4 SEMESTER 2 (16 WEEKS)					
Module	Code	NOF Level	Credits	Hrs	Pre /Co-requisites
Research Project	BPH3810	8	16	4P	Pre-requisite: Health Research Methods and Evidence based Public Health BPH3731; Statistical methods in Epidemiology BPH 3751
Monitoring and Evaluation of Health Programs	BPH3832	8	16	4L + 2T	Pre-requisite Management of Health Systems I, BPH3672
Disaster Preparedness and Management	BPH3852	8	16	4L + 2T	
Health Economics	BPH3812	8	16	4L + 2T	Pre-requisite Basic Mathematics MAT3511
TOTAL CREDITS			136		

## THE SYLLABI

### Module Title: English Communication & Study Skills

Code:	LCE3419
NOF level:	4
Notional hours:	160
Contact Hours:	4 lecture hours per week for 14 weeks
NOF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

#### Module Description:

Communication and Study Skills in English is a core curriculum one year course designed for first year students. The course helps students develop academic reading, writing, oral presentation and study skills needed to meet the demands of university courses. It provides students with opportunities to practise the language skills needed at work place.

#### Assessment Strategies

Students will be assessed on a continuous basis. Students need to attain a minimum of 40% continuous assessment mark in order to be admitted to the final examination. Final examination is a three hour paper comprising of reading and writing components each amounting to 50% (total = 100%). Weighting of 60% is given to the Continuous Assessment marks (CA marks) 40% is given for the examination marks; i. e. CA marks + Examination marks must add up to 100%.

### Module Title: Contemporary Social Issues

Code:	CSI3580
NQF level:	5
Notional hours:	80
Contact Hours:	1 hour per week for 28 weeks (Offered Online only in 2018)
NQF Credits:	8
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1 & 2

Module Description:

Assessment strategies: This is a 100% continuous assessment module with a variety of assessments which evaluate and test the students' individual learning and mastering of the course content (subject knowledge) through quizzes, tests, Moodle assignments, journal entries, reflections as well as service and experiential learning projects.

Course Content: The module, Contemporary Social Issues (CSI3580), is designed to encourage behavioral change among UNAM students and inculcate the primacy of moral reasoning in their social relations and their academic lives. In providing students with critical and analytical thinking the module enables students to grow and develop into well rounded citizens, capable of solving contemporary social challenges experienced in their communities and societies. The teaching of the module takes three dimensions: the intellectual, the professional and the personal dimensions. The intellectual dimension is fostered through engaging students with subject knowledge, independent learning and module assessment. The professional dimension, on the other hand, is fostered through exposing students to real life situations of case studies and practical exercises that draws attention to social issues that attract ongoing political, public and media attention and/or debate

Assessment Strategies:

- Continuous flexible modes of assessment (100%).

The purpose of this evaluation is to assess whether the teaching of the course has resulted in the accomplishment of the aims of the course in each student. This evaluation is therefore focused on assessing the impact of the course in individual students. Various methods can be used: written tests, multiple choice quizzes, assignments or brief reports, case analyses, presentations, essays, or reflections upon a theme or topic. Students should be graded based on continuous flexible modes of assessment (100%), and the Course Coordinator in consultations with the 19

lecturers shall select the same written tests, multiple choice quizzes, assignments or brief reports, case analyses, presentations, etc. that shall be given to the students throughout the year.

### Module Title: Basic Mathematics

Code:	MAT3511
NQF Level:	5
Notional Hours:	160
Contact Hours:	4 hours Lecture + 2 tutorials per week for 14 weeks
NQF Credits:	16
Pre- requisite:	None
Compulsory/Electives:	Compulsory
Semester Offered:	1

Module Description:

This module aims to bridge the gap between high school mathematics and higher (tertiary) mathematics.

Assessment Strategies

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

Examination 50 % (1 x 3 hours paper).

### Module Title: Sociology and Anthropology of Health

Code:	BPH3501
NQF:	5
Notional Hours:	80



Contact Hours: 2 Lecture hours per week for 14 weeks  
Credits: 8  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Description:

This module will examine prospective or possible contributory connections between sociological and anthropological factors in health and illness in Namibia, the SADC region and beyond. Furthermore, the module will explore methods to help individuals develop and maintain healthy life styles so as to promote good health and prevent illness. Lastly, the course will also consider how health policies can influence inequities, inequalities, and social justice in the provision of health care to the citizens.

Assessment Strategies

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

Examination 50 % (1 x 2 hour paper).

**Module Title: Introduction to Public Health**

Code: BPH3511  
NQF level: 5  
Notional hours: 160  
Contact hours: 4 lecture hours for 14 weeks  
NQF Credits: 16  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Description:

This module aims to introduce students to public health and related concepts. It gives a brief history of public health and the models/theories of public health. The module explains the developmental history of health services in Namibia. It further covers the health determinants, relationship between health and development, family health, primary health care (PHC), community based health services and health team. This module introduces main concepts and principles of public health. The module broadly presents the current scope and concerns of public health as well as the terminology used in the area of public health. It outlines the major health problems facing the world today, including infectious diseases, chronic diseases, trauma, and mental health; the determinants, such as nutritional problems, environmental hazards, and disorders resulting from lifestyle choices.

Assessment Strategies

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

Examination pass mark is 50 % (1 x 3 hours paper).

## Module Title: Introduction to Biology

Code:	BLG3511
NQF level:	5
Notional hours:	160
Contact hours:	4 lectures/ week for 14 weeks and one 3-hours practical session per week
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

### Module Description:

This module aims to:

- Provide well-designed course to develop critical understanding of the underlying concepts and theories in Biology
- Develop abilities and skills that are relevant and useful to Biology course
- Develop attitudes such as concern for accuracy and precision, objectivity and enquiry
- Be aware of the environment and how Biology can be both helpful and harmful to all living things and the environments

The assessment objectives are:

- Knowledge with understanding of the basic principles of biology
- Problem solving and decision making skills
- Data and information handling
- Safe and confident experimental skills
- Effective communication
- Critical thinking and logical reasoning in Biology

### Assessment Strategies

Continuous Assessment: 40 % (*Theory (at least 2 tests and 2 assignments- 40%; Practicals (at least 5 marked assignments - 60 %)*)

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

## 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:	LCE 3419 English Communication & Study Skills
Compulsory/Electives:	Compulsory
Semester offered:	2

### 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 course 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: 60 % (minimum of 2 class tests and assignments).

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

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#### Module Title: Introduction to Epidemiology

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Code:	BPH3512
NQF level:	5
Notional hours:	160
Contact Hours:	4 Lecture hours per week for 14 weeks
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	2

#### Module Description:

This module aims to introduce students to basic principles and methods used in epidemiology as it applies to disease prevention and control in public health practice. Students will learn about the quantitative techniques of measuring health status and investigating underlying factors for the occurrence of diseases and health outcomes.

#### Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

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#### Module Title: Computer Literacy

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

#### Module Description:

Understanding computer systems and technology: The problem-solving approach. Structure and components of a modern computer - processor, memory, hard drives, disk drives, interfaces. The Windows 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: Continuous 100%:*

*Contribution to final Mark:*

*2 Practical Tests 50%*

*2 Theory Tests 50%*

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#### Module Title: Chemistry for Life Sciences

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Code:	SCHM3532
NQF level:	5
Notional hours:	160

Contact Hours:	4 lecture hours +3 hours of laboratory practical per week for 14 weeks
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Description:

This module aims to:

- Provide students with poor background in chemistry to scientific concepts, methods, and techniques.
- Prepare students for further studies in the physical, biological, environmental, veterinary and medical sciences and everyday applications of chemistry.

Assessment:

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Social Security, Welfare and Community Development

Code:	BPH3502
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:	2

Module Description:

This module aims to familiarize the students with the principles of social protection based on the principles of community or collective solidarity. This module will teach the students the organization of social security and welfare services in a modern society.

Assessment Strategies

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

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

### Module Title: Introduction to Health Demography

Code:	BPH3522
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:	2

Module Description:

This module intends to equip the student with an understanding of the nature and scope of Demography; population theories and policies; and population trends globally, regionally and nationally. This includes the study of the health and

other components of change (fertility, morbidity, mortality, migration) as well as composition (age structure, racial/ ethnic composition, labor force, household structure and living arrangements, etc.)

#### Assessment Strategies

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

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

### Module Title: Introduction to Communication Techniques

Code:	BPH3601
NQF level:	6
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 Description:

The aim of this module is threefold. First, the course will acquaint the student with guidelines that will help the student create well-crafted communication on public health issues. Second, it will give him/her the opportunity to practice the communication skills and to receive extensive feedback from the other students and Lecturer. The student will engage in various other communication exercises. Third, the course will provide an opportunity for the students to learn about professional norms for a range of activities that surround the Public health field, including prevention of diseases and health promotion.

#### Assessment strategies:

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

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

### Module Title: Applied Microbiology

Code:	BPH3611
NQF level:	6
Notional hours:	160
Contact Hours:	4 lecture hours +3 hours of laboratory practical per week for 14 weeks
NQF Credits:	16
Pre-requisite:	BLG3511 Introduction to Biology
Compulsory/Electives:	Compulsory
Semester offered:	1

#### Module Description:

The module aims at equipping the students with the basic principles of microbiology containing Bacteriology, Immunology Virology. The module will enable students to use adequately microbiology techniques in the prevention and control infectious diseases.

#### Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Environmental Health I

Code:	BPH3631
NQF level:	6

Notional hours: 160  
Contact Hours: 4 hours per week for 14 weeks  
NQF Credits: 16  
Co-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Description:

This module aims at equipping the students with main theoretical and practical principles of hygiene in Public health and concepts of environmental health from Global to Local levels.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Applied Biochemistry in Public Health

Code: BPH3651  
NQF level: 6  
Notional hours: 160  
Contact Hours: 4 lecture hours + 3 laboratory practice hours per week  
NQF Credits: 16  
Pre-requisite: CHM3532 Chemistry for Life Sciences  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Description:

The course aims to provide students with theoretical and practical knowledge of the molecular machinery of living cells, basic mechanisms of metabolic control, human health and disease at the molecular level, emphasizing the roles of major biomolecules in metabolic disorders, disease prevention and diagnostics.

Assessment:

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Occupational Health and Safety

Code: BPH3671  
NQF level: 6  
Notional hours: 160  
Contact Hours: 4 hours Lecture per week  
NQF Credits: 16  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Description:

This module aims to equip students with knowledge and skills regarding the principles of occupational health and safety and its comprehensive functions.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

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**Module Title: Biostatistics for Public Health**

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Code: BPH3612  
NQF level: 6  
Notional hours: 160  
Contact Hours: 4 hours lecture + 2 hours Tutorials per week for 14 weeks  
NQF Credits: 16  
Pre-requisite/co-requisite: MAT3511 Basic Mathematics  
Compulsory/Electives: Compulsory  
Semester offered: 2

**Module Description:**

This module aims to introduce students to the basic principles and applications of statistics to public health practice. Intermediate level biostatistics will be taught in statistical methods in Epidemiology module later in the program. This module is also a foundation for many public health modules including research modules and research project.

**Assessment Strategies**

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

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**Module Title: Communicable and Non Communicable diseases**

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Code: BPH3632  
NQF level: 6  
Notional hours: 160  
Contact hours: 4 hours per week for 14 weeks  
NQF Credits: 16  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 2

**Module Description:**

This module aims to provide an understanding of communicable and non-communicable diseases including mental health and disabilities; the students will learn the prevention, control and management of these diseases at local, regional and international levels.

**Assessment Strategies**

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

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

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**Module Title: Applied Parasitology and Mycology**

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Code: BPH3652  
NQF level: 6  
Notional hours: 160  
Contact Hours: 4 lecture hours + 3 laboratory practice hours per week  
NQF Credits: 16  
Co-requisite: None  
Compulsory/Electives: Compulsory

Semester offered: 2

Module Description:

The module aims at familiarizing students with the basic concepts of parasitology and mycology. It explores laboratory methods used to detect and identify pathogenic parasites. It further aims to review the key features of the epidemiology of major parasites in humans, including the role of human behaviour in transmission of parasites and fungi.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

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Module Title: Management of Health Systems I

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Code: BPH3672  
NQF level: 6  
Notional hours: 160  
Contact Hours: 4 hours per week + 2 Tutorial per week for 14 weeks  
NQF Credits: 16  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module will introduce students to management processes as applied to the health care environment, health systems and primary health care.

The course will enable the students to gain the appropriate management skills related to the health system framework which covers the following building blocks: Leadership and governance, health care financing, health workforce, medical products and technologies, health information and research, service delivery.

The student will be able to manage effectively the health information system for the management of his health area to improve the performance of the latter.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

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Module Title: Psychology of Health

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Course Code: BPH3622  
NQF: 6  
Notional Hours: 80  
Contact Hours: 2 hours per week for 14 weeks  
Credits: 8  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module aims to examine possible contributory connections between psychosocial factors and health at the population level. The module will enable students to explore methods which may help individuals to develop and maintain healthy life styles so as to promote good health and prevent illness. The course will focus on the biopsychosocial model of health and illness to demonstrate how these factors (biopsychosocial factors) contribute to various diseases such as cancer, diabetes, hypertension, coronary heart disease, and other chronic and communicable diseases.



#### Assessment Strategies

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

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

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#### Module Title: Laboratory Safety and Biosecurity

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Code:	BPH3721
NQF level:	7
Notional hours:	80
Contact Hours:	2 hours Lecture + 2 hours Practical per week for 14 weeks
NQF Credits:	8
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

#### Module Description:

This module aims to equip the student with the fundamentals of containment which include the microbiological practices, safety equipment, and facility safeguards that protect laboratory workers, the environment, and the public from exposure to infectious microorganisms that are handled and stored in the laboratory. It further aims to familiarize the students with the preventive measures designed to reduce the risk of transmission of laboratory acquired infections and the preventive measures of protection against acts of bioterrorism

#### Assessment Strategies

Continuous Assessment: 50 % (minimum of 2 tests and 2 assignments and at least 7 marked practical assessments);

Examination: 50 % (1 x 2 hour paper)

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#### Module Title: Food and Drug Safety

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Code:	BPH3701
NQF level:	7
Contact hours:	80
Contact Hours:	2 hours lecture per week + 3 hours Practical every second week for 14 weeks
Credits:	8
Pre-requisite:	BPH3611 Applied Microbiology
Compulsory/Electives:	Compulsory
Semester offered:	1

#### Module Description:

This module aims to equip students with skills in the controlling of process regarding food hygiene, determining potential problems, and providing needed controls of efficiency. It will provide emphasis on estimating measurable food safety concerns and determining ways of ensuring food safety. This module prepares students to be competent in Public Health food safety inspection procedures. It will also present an introduction to considerations for the regulation and public protection through the use and control of medicines.

#### Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments and at least 5 marked practical assignments).

Examination: 50 % (1 X 2 hours paper)

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#### Module **Title: Diseases'** Surveillance in Public Health

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Code:	BPH3711
NQF level:	7
Notional hours:	160
Contact Hours:	4 hours per week for 14 weeks

NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

This module aims to introduce students to survey methodology and provide them with the opportunity to practice the fundamentals of survey design and how to collect health status data and verify accuracy of data collected. Students will also learn about the types of surveillance and its roles in Public Health practice with special focus on detecting and investigating epidemics and the monitoring and control of communicable and non-communicable diseases.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

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**Module Title: Health Research Methods and Evidence based Public Health**

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Code:	BPH3731
NQF level:	7
Notional hours:	160
Contact Hours:	4 hours lecture per week for 14 weeks
NQF Credits:	16
Pre-requisite:	BPH3512 Introduction to Epidemiology
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

The aims of this module are to equip students with skills which will enable them to conduct scientific research, Public Health Operational Research.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and Research proposal).

Examination: 50 % (1 X 3 hours paper)

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**Module Title: Statistical Methods in Epidemiology**

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Code:	BPH3751
NQF level:	7
Notional hours:	160
Contact Hours:	4 hours lecture + 3 hours Practical per week for 14 weeks
NQF Credits:	16
Pre-requisite:	BPH3612 Biostatistics for Public Health
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

This module aims to enable students to develop the skills in describing and analysing epidemiological data using statistical methods and in exploring epidemiologic study designs. Students will also be able to understand the principles in establishing epidemiologic associations and causation from public health research.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and at least 7 marked practical assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Field Attachment

Code:	BPH3799
NQF Level:	7
Notional Hours :	80
Contact Hours: F	our (4) Weeks during the June/July break in Year 3
NQF Credits:	8
Prerequisite:	None
Compulsory/Elective:	Compulsory
Semester Offered:	Recess period (June/July & Nov/Dec)

#### Module Description:

The purpose of the attachment is to bridge academic and professional practice, allowing students to apply the knowledge they've acquired in the classroom, gain new knowledge specific to their field experience, hone practical skills, and identify areas for professional improvement.

This module aims to enable the student acquire and consolidate the core competencies required of a public health graduate and prepare oneself to become an independent public health practitioner. The general goal of the field practice is to strengthen the students' public health competencies and understanding of particular area of public based on the core competencies in Public health. The student will be placed in a public health organization or agency at local and district settings in their area of interest as defined by the core competencies portfolio and focus where they will get the opportunity to put to practice the skills learned through module work and successive field placements.

#### Assessment strategies:

100 % Continuous assessment (Logbook record 20 %, Lecturer/Employer Evaluation 20 %, Final report 60 %)

### Module Title: Waste Management

Code:	BPH3772
NQF level:	7
Notional hours:	160
Contact hours:	4 hours + 3 hours Practical per week for 14 weeks
NQF Credits:	16
Pre-requisite:	None
Compulsory/Electives:	Compulsory
Semester offered:	2

#### Module Description:

The module aims at equipping the students with knowledge and skills with regard to management of solid and liquid wastes covering all aspects of waste management activities from identification and classification of wastes to considerations guiding their safe disposal using both non-incineration or incineration strategies.

#### Module assessment:

Continuous Assessment: 50 % (minimum of 2 tests and at least 7 marked practical assessment);

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

### Module Title: Health Promotion and Education

Code:	BPH3712
NQF level:	7
Notional hours:	160
Contact hours:	4 hours Lecture per week for 14 weeks

NQF Credits: 16  
Pre-requisite: BPH3521 Introduction to communication techniques  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module aims to equip the students with broader understanding of the health promotion theories, concepts and approaches including the strategies for health promotion practices to bring about positive behavior changes. The module will also teach the students the application of principles and practice of Community Based Education that leads to transformation of individuals, families and communities into well-informed, self-reliant and empowered society for their own wellbeing.

Assessment Strategies

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

Examination: 50 % (1 x 3 hours paper)

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Module Title: Nutrition in Public health

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Code: BPH3732  
NQF level: 7  
Notional hours: 160  
Contact hours: 4 hours lecture + 2 hours Practical per week for 14 weeks  
NQF Credits: 16  
Pre-requisite: BPH3651 Applied Biochemistry for Public Health  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module of nutrition in Public Health will equip the students with the necessary skills and knowledge on Food security, Principles of Nutrition, Medical nutrition, Principles of dietetics and techniques of evaluating the nutritional status of different categories of populations.

Assessment Strategies

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

Examination: 50 % (1 x 3 hour paper).

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Module Title: Hospital Administration

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Code: BPH3702  
NQF level: 7  
Notional hours: 80  
Contact Hours: 2 hours per week for 14 weeks  
NQF Credits: 8  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module aims at equipping the students with knowledge and skills to plan, direct, coordinate, and supervise the delivery of health care at the hospital level or health facility. The module will enable the students to gain the appropriate administrative, professional skills to formulate the hospital business strategies and coordinate day-to-day business in a health facility and oversee the activities of a number of facilities in health systems.

#### Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 2 hours paper)

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#### Module Title: Environmental Health II

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Code: BPH3752

NQF level: 7

Notional hours: 160

Contact Hours: 4 hours lecture + 3 hours Practical per week for 14 weeks

NQF Credits: 16

Pre-requisite: BPH 3631 Environmental Health I

Compulsory/Electives: Compulsory

Semester offered: 2

#### Module Description:

This module is a continuation of the module of Environmental Health I and aims at providing the students with solid theoretical and practical base with regards to hygiene in Public health and concepts of environmental health from Global to Local levels.

#### Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 7 marked practical assignments).

Examination: 50 % (1 X 3 hours paper)

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#### Module Title: Research Project

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Code: BPH3810

NQF level: 8

Notional hours: 320

Contact Hours: 4 hours of practice per week for all academic year

NQF Credits: 32

Pre-requisite: BPH3731 Health Research Methods and Evidence based Health care  
BPH3751 Statistical methods in Epidemiology

Compulsory/Electives: Compulsory

Semester offered: 1 & 2

#### Module Description:

The aim of the module is to enable able student to develop and apply the knowledge and skills required in identifying and prioritizing public health problems and systematically investigating them with the view to finding practical answers. By carrying out a modest research project and producing a report in this module, students are provided the opportunity to consolidate the various research methods, statistical and epidemiological techniques and other public health theoretical lessons they studied in the previous years.

#### Assessment strategies:

100 % continuous assessment (70 % written report + 30 % oral presentation)

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#### Module Title: Global Public Health

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Code: BPH3811

NQF level: 8

Notional hours: 160

Contact Hours: 4 hours per week for 14 weeks  
NQF Credits: 16  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Aims:

This module aims to enable students to gain perspective on the global distribution/disparities of health and disease and their determinants; understand diversity of health system across countries and regions and recognize the presence of global institutions in responding to cross border health and related issues and the cooperation therein.

Assessment Strategies

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

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

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**Module Title: Ethics in Public Health**

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Code: BPH3801  
NQF level: 8  
Notional hours: 80  
Contact Hours: 2 hours lecture per week for 14 weeks  
NQF Credits: 8  
Pre-requisite: None  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module aims to introduce students to the ethical concepts, principles and approaches and challenges relevant to public health practice, decisions and policy development and professional deontology.

Assessment Strategies

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

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

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**Module Title: Management of Health Systems II**

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Code: BPH3831  
NQF level: 8  
Notional hours: 160  
Contact Hours: 4 hours lecture + 2 hours tutorials per week for 14 weeks  
NQF Credits: 16  
Pre-requisite: BPH 3672 Management of Health Systems I  
Compulsory/Electives: Compulsory  
Semester offered: 1

Module Description:

The module aims to strengthen the concepts of health system management studied in Management of Health System I. The topic helps the students to acquaint themselves with the basic concepts of cost and management accounting and with the basic concepts of financial planning and control and its applications in the financial decision making.

The module will equip the student with the skills in the strategic and operational planning and management; health policies, accounting and financial principles applied to the management of health systems and the supervision of public health units or programmes.

The module will enable the student to understand the different strategies for management of health systems and the health informatics concepts.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Veterinary Public Health Issues

Code:	BPH3851
NQF level:	8
Notional hours:	160
Contact Hours:	4 hours per week for 14 weeks
NQF Credits:	16
Pre-requisite:	BPH3701 Food and Drug Safety
Compulsory/Electives:	Compulsory
Semester offered:	1

Module Description:

This module aims to provide the students with a broad understanding of the principles of veterinary public health system in the Namibia and Africa context. The module will provide to the students an overview of the role of the veterinary public health with respect to the systematisation of the Public Health sector, as well as the public health in terms of the *One Health concept*.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Monitoring and Evaluation of Health programs

Code:	BPH3832
NQF level:	8
Notional hours:	160
Contact Hours:	4 hours lecture + 2 hours tutorials per week for 14 weeks
NQF Credits:	16
Pre-requisite:	BPH3672 Management of Health Systems I
Compulsory/Electives:	Compulsory
Semester offered:	2

Module Description:

This module aims to equip the students with planning skills to ensure adequate program monitoring and evaluation of health programmes. It will also equip them with analytical skills for assessing health policy development, implementation health programmes. This module is also intended to improve the student knowledge and skills about the process and impact Performance and Monitoring and Evaluation requirements throughout the health programme life cycle.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

### Module Title: Disaster Preparedness and Management

Code:	BPH3852
NQF level:	8

Notional hours: 160  
Contact Hours: 4 hours lecture + 2 hours tutorial per week for 14 weeks  
Credits: 16  
Co-requisite:  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

This module aims to familiarize students with concepts and strategies of public health and disaster preparedness, response and management. It will cover the techniques and approaches of preparedness and management of *Natural Disasters, Warfare and Conflict-Related Emergencies, Technological Disasters and Terrorism*.

Assessment Strategies

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

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

## Module Title: Health Economics

Code: BPH3812  
NQF level: 8  
Notional hours: 160  
Contact Hours: 4 hours lectures + 2 hours tutorial per week for 14 weeks  
NQF Credits: 16  
Pre-requisite: MAT 3511 Basic Mathematics  
Compulsory/Electives: Compulsory  
Semester offered: 2

Module Description:

The module of Health Economics aims to enable students to apply the theory and principles of microeconomics and macroeconomics to public health and health care and to enable students to understand and apply current methods to economic evaluation in health care.

The module Health Economics will enable the students to gain insights into the economic theory underlying economic evaluation in health care; develop skills in designing and conducting cost-effectiveness, cost-utility and cost-benefit analyses; and to use these skills to inform policy-formulation and implementation processes in Public Health.

Assessment Strategies

The continuous assessment (CA): 50 % (minimum of 2 tests and 2 assignments).

Examination: 50 % (1 X 3 hours paper)

## POST GRADUATE PROGRAMMES

### MASTERS DEGREES

Masters of Public Health (23NMPH)

Masters of Science Epidemiology and Laboratory Management (23MPEL)



## DOCTORAL DEGREES

Doctor of PH (23DPPH)

## CURRICULUM FOR THE MASTER DEGREE IN PUBLIC HEALTH (23NMPH)

To register for the Master Degree in Public Health, a candidate must:

- hold a Bachelor's degree or Postgraduate Diploma in a related field with exit level 8 (with at least C- grade average)
- Candidate should have at least three years appropriate work experience in the related field.
- meet the general regulations for Masters study at the University of Namibia;
- Please refer to the General Information and Regulations Prospectus for general regulations as far as postgraduate courses of study are concerned.

## DURATION OF STUDY

The Master course of study takes at least TWO YEARS to complete.

Minimum duration is two (2) years (full time).

Maximum duration is three (3) years.

COURSE CODE: 23NMPH

## CURRICULUM STRUCTURE MASTER IN PUBLIC HEALTH

YEAR 1									
SEMESTER 1					SEMESTER 2				
Course	Code	Hours	Credits	NQF	Course	Code	Hours	Credits	NQF
Research Methodology	NRMP5980	2	12	9	Research Methodology	NRMP5980	2	12	9
Hist, Ethics, Phil and Theoretical Framework of Public Health	NHPH5980	2	12	9	Hist, Phil, Ethics and Theoretical Framework of Public Health	NHPH5980	2	12	9
Demography and Epidemiology in Public Health	NDEP5980	2	12	9	Demography and Epidemiology in Public Health	NDEP5980	2	12	9
Academic writing	UAE5819	2	*	8	Academic writing	UAE5819	2	16	8

\*Academic writing not a credit-bearing course

YEAR 2									
SEMESTER 1					SEMESTER 2				
Disease Control in Public Health	NDCP5980	2	12	9	Disease Control in Public Health	NDCP5980	2	12	9
				9	Monitoring and Evaluation in Public Health	NMEP5982	2	12	9

Health Services Planning and Management in Public Health	NHPM5980	2	12	9	Health Services Planning and Management in Public Health	NHPM5980	2	12	9
TotalCredits:132			60					72	

### YEAR 3

SEMESTER 1			SEMESTER 2			
Research /Thesis	Project	NRPT5900		Research /Thesis	Project / NRPT5900	120

## EXAMINATION REGULATIONS

See General Information and Regulations Prospectus for detailed examination and promotion regulations.

## THE SYLLABI

### MASTERS IN PUBLIC HEALTH

#### YEAR 1

#### COURSE DESCRIPTOR: RESEARCH METHODOLOGY IN PUBLIC HEALTH

Course title: Research Methodology in Public Health

Code: RMP5980

NQF level: 9

Contact hours: 2 hours per week × 28 weeks

Credits: 24

Course assessment: Continuous assessment 50%: A minimum of four tests/assignments [General rule 7.21.3(2)]

Examination 50%:1x 3hr paper

Course Content (content): This course prepares the student to conduct research as an individual or a member of a research team. The ultimate goal is to prepare students to provide evidence-based practice that promote quality outcomes for the population, the health care providers and the health system. Furthermore, it prepares students to use research findings in promoting and understanding health and illness and to implement effective interventions to promote health.

#### COURSE DESCRIPTOR: HISTORY, ETHICS, PHILOSOPHY AND THEORETICAL FRAMEWORK OF PUBLIC

Course title: History, Ethics, Philosophy and Theoretical Framework of Public Health Practice

Code: HPH5980

NQF LEVEL: 9

Contact hours: 2 hours per week × 28 weeks

Credits: 24

Course assessment: Continuous assessment 50%: A minimum of four tests/assignments [General rule 7.21.3(2)]; Examination 50%: 1 x 3hr paper

Course Content: This course aims to equip students with historical and philosophical knowledge and skills of public health, ethics in public health, the application of Primary Health Care strategy and health promotion behavior.

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**COURSE DESCRIPTOR: DEMOGRAPHY AND EPIDEMIOLOGY IN PUBLIC HEALTH**

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Course title: Demography and Epidemiology in Public Health

Code: DEP5980

NQF level: 9

Contact hours: 2 hours per week × 28 weeks

Credits: 24

Course assessment: Continuous assessment 50%: A minimum of four tests/assignments [General rule 7.21.3(2)]

Examination 50%: 1x 3hr paper

Course Content: This course aims to equip students with knowledge and skills to analyze and interpret and apply demographic, bio-statistical and epidemiological data as well as health management information systems in public health planning and management

YEAR 2

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**COURSE DESCRIPTOR: DISEASE CONTROL IN PUBLIC HEALTH**

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Course title: Disease Control in Public Health

Code: DCP5980

NQF level: 9

Contact hours: 2 hours per week × 28 weeks

Credits: 24

Course assessment: Continuous assessment 50% A minimum of four tests/assignments [General rule 7.21.3(2)]

Examination 50% (1 paper 3 hours)

Course Content: This course aims to deepen the understanding of principles and strategies in disease control and equips students with the skills to successfully establish, strengthen or to systematically review disease control, building on basic knowledge of major diseases and specific experience in the control of diseases, and quantitative and qualitative research methods, programmes:

Legislation and health

Health system of Namibia

PAPER 2: 3 hours

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**COURSE DESCRIPTOR: MONITORING AND EVALUATION IN PUBLIC HEALTH**

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Course title: Monitoring and Evaluation in Public Health

Code: MEP5982

NQF level: 9

Contact hours: 2 hours × 14 weeks

Credits: 12

Course assessment:

Continuous assessment 50%: A minimum of two tests [General rule 7.21.3(2)]

Examination 50%: 1 x 3hr paper

Course Content: This course aims to equip students with knowledge and skills of monitoring and evaluation of public health programmes.

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**COURSE DESCRIPTOR: HEALTH SERVICES PLANNING AND MANAGEMENT IN PUBLIC HEALTH**

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Course title: Health Services Planning and Management in Public Health

Code: HPM5980

NQF level: 9

Contact hours: 2 hours per week × 28 weeks

Credits: 24

Course assessment: Continuous assessment 50%: A minimum of four tests/assignments [General rule 7.21.3(2)]

Examination 50%:1 x 3hr paper

Course Content: This course aims to develop students' understanding, knowledge and skills related to policy development and management, health care delivery, human resources management, strategic management and leadership in public health

Policy for change/change management

## SECOND YEAR

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### COURSE DESCRIPTOR: RESEARCH PROJECT/THESIS

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Course title: Research Project/Thesis

Code: RPT5900

NQF level: 9

Contact hours: Accompaniment by supervisor as set out in Student Guide: Post Graduate Studies.

Credits: 120

Course assessment:

Thesis 100%

Course Content: Undertake actual field work analysis data and write up research findings. Empower students with skills and knowledge to access and critique academic sources and to synthesize

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### Course Title: ACADEMIC WRITING

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Code: UAE 4819

NQA level: 8

Contact hours: 4 hours per week

Credit 16

Notional Hours: 160

Pre-requisites: Must be a postgraduate student

Options: Compulsory

Semester offered: First or Second

Course Aims:

To empower students with skills and knowledge to access and critique academic sources and to synthesize

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## CURRICULUM FOR THE MASTER OF SCIENCE (MSC) IN FIELD EPIDEMIOLOGY AND LABORATORY TRAINING

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COURSE CODE: 23MPEL

### ADMISSION

To register for the M. of Science (Applied Field Epidemiology) Degree, a candidate must:

- hold a Bachelor's degree or Postgraduate Diploma in a related field with exit level 8 (with at least C- grade average)
- Candidate should have at least two years appropriate work experience in the related field.
- must provide evidence of current employment within the public health system in Namibia.
- meet the general regulations for Masters study at the University of Namibia;
- Please refer to the General Information and Regulations Prospectus for general regulations as far as postgraduate courses of study are concerned.

### DURATION OF STUDY

The Master course of study takes at least TWO YEARS to complete.

Minimum duration is two (2) years (full time).

Maximum duration is three (3) years.

MASTER OF SCIENCE: FIELD EPIDEMIOLOGY /LABORATORY MANAGEMNT. 14MPEL

CURRICULUM FRAME WORK

MASTER OF SCIENCE EPIDEMIOLOGY/LABORATORY MANAGEMENT

YEAR 1

SEMESTER 1					SEMESTER 2				
Course	Code	Hours	Credits	NOF	Course	Code	Hours	Credits	NOF
Applied Epidemiologic Methods and Biostatistics	EBC 5911		12	9	Non-Communicable Diseases	NCD 5902		12	9
Public Health Surveillance and Laboratory Methods in Epidemiology	SLP 5901		12	9	Leadership and Management, Teaching and Mentoring	LMT 5902		12	9
Research Methods and Scientific Communication	RSC 5901		12	9	Advanced Epidemiology Methods	AEM5982		18	9
Epidemiology of Priority Public Health Conditions	ECP 5981		18	9	Prevention Effectiveness for Economic Evaluation	PEE 5982		18	9
Field Placement and Portfolio1	FPP5910		12	9	Field Placement and Portfolio1	FPP5910		12	9
					Laboratory management and Systems	LMS5982		18	9
					Quality Assurance in Public Health Laboratory Practice	QAL 5982		18	9
Academic writing for Postgraduate students	UAE 5819			9					
TOTAL CREDITS =		138	66				72		

YEAR 2

SEMESTER 1					SEMESTER 2				
Course	Code	Hours	Credits	NOF	Course	Code	Hours	Credits	NOF
Field Placement and Portfolio1	FPP5930		12	9	Field Placement and Portfolio1	FPP5910		12	9
MASTER'S THESIS	AEP5900		48	9	MASTER'S THESIS	AEP5900		48	9
TOTAL CREDITS =	120								

## THE SYLLABI

COURSE DESCRIPTOR: Applied Epidemiologic Methods and Biostatistics

Course title: Applied Epidemiologic Methods and Biostatistics

Code: EBC 5901  
NQF level: 9  
Contact hours: 4 hours per week × 14 weeks  
Credits: 12  
Course assessment: *Continuous assessment*: At least 2 tests/assignments with 40% for admission to final examination  
Examination: theory 25% 1 × 3 hour paper Practicum: formative 75

This course aims: to prepare FELTP Residents who would be able to apply basic epidemiological principles, methods, concepts and biostatistics, through computer application, in public health surveillance within the Ministry of Health.

COURSE DESCRIPTOR: Public Health Surveillance and Laboratory Methods in Epidemiology

Course title: Public Health Surveillance and Laboratory Methods in Epidemiology

Code: SLP5901  
NQF Level: 9  
Contact hours: 4 hours per week × 28 weeks  
Credits  
*Continuous assessment*: At least 2 tests/assignments with 40% for admission to final examination  
*Examination*: theory 25% 1 × 3 hour paper  
*Practicum*: formative 75%

Course Aim: This course aims to prepare the residents to appropriate public health surveillance data; and practice appropriate public health laboratory practice as part of public health surveillance Undertake public health surveillance and manage an

COURSE DESCRIPTOR: RESEARCH METHODS AND SCIENTIFIC COMMUNICATION

Course title: RESEARCH METHODS AND SCIENTIFIC COMMUNICATION

Code: RSC5981  
NQF Level: 9  
Contact hours: 4 hours per week × 28 weeks  
Credits  
*Continuous assessment*: At least 2 tests/assignments with 40% for admission to final examination  
Examination: theory 25% 1 × 3 hour paper  
Practicum: formative 75%  
Course Aim:

This course aims to prepare residents to conduct research with due consideration of ethical parameters; while equipped with skills to prepare scientific papers and review scientific articles.

COURSE DESCRIPTOR: Epidemiology OF PRIORITY PUBLIC HEALTH CONDITIONS

Course Title: Epidemiology OF PRIORITY PUBLIC HEALTH CONDITIONS

Course Code : ECP 5981  
Credits:  
NQF level : 9  
Contact hours: 4 hours p/w  
× 28w

### Course Aims

This course aims to introduce FELTP students to basic epidemiological principles, methods concepts and their role within the Ministry of Health. Descriptive epidemiology will be covered in this course. Students will learn to use epidemiologic practices to conduct studies that improve public health program delivery. Students will learn to structure research from problem framing, to findings dissemination through study design methods and data management and processing.

Residents will learn the operational steps of an outbreak investigation. This course also aims to introduce Biostatistics which will enable students to choose, calculate and interpret statistical tests according to study design and type of data being analyzed.

**COURSE DESCRIPTOR: Field Placement and Portfolio 1**

Course title	FIELD PLACEMENT 1
Code:	FPP 5910
NOF Level:	9
Credits	24
Notional Hours:	240
<i>Continuous assessment:</i>	
Field placement and trainings will be graded using a checklist of expected competencies deliverables (portfolio product). Formative assessment will be used. Each Resident will be expected to score a minimum of 50% to pass.	
Course Aim: This course aims to develop the competence of residents in the practical application of epidemiological methods to a wide range of contemporary public health settings.	

**MODULE TITLE: ACADEMIC WRITING FOR POST GRADUATE STUDENTS**

Course Title:	ACADEMIC WRITING
Code:	UAE 4819
NQA level:	8
Contact hours:	4 hours per week
Credit	16
Notional Hours:	160
Pre-requisites	Must be a postgraduate student
Options:	Compulsory
Semester offered:	First or Second

Course Aims:

This course aims to:

- Empower students with skills and knowledge to access and critique academic sources and to synthesize

YEAR 2: SEMESTER 2

**COURSE DESCRIPTOR: Non-Communicable Diseases**

Course title	Non-Communicable Diseases
Code:	NCD 5902
NOF Level:	9
Contact hours:	4 hours per week × 28 weeks
Credits	24
Notional Hours:	240

*Continuous assessment:*

Minimum of 2 assessments is contributing 50% to the Final mark. Student must attain 40% for examination admission

Examination assessment: 1 x 3 hour examination paper contributing 50% to final mark.

Students must attain 50% to pass this course.

Course aims: This course aims to equip students with skills to use epidemiology to address a Non- Communicable Disease (NCD) health problem, use global strategies to prevent and control NCDs.

## COURSE DESCRIPTOR: Leadership and Management, Teaching and Mentoring

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Course title:	Leadership and Management, Teaching and Mentoring
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Code:	LMT5902
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NQF Level:	9
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Contact hours:	4 hours per week × 28 weeks
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Credits	24
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Notional Hours:	240
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Continuous assessment: At least 2 tests/assignments with 40% for admission to final examination

Examination: theory 25% 1 x 3 hour paper

Practicum: formative 75%

Epidemiology of Priority Public Health Conditions

Course Aim:

The course aim to equip students with knowledge and skills in through leadership and planning for effectively achieving positive health outcomes through leadership and networking. This module will provide students with knowledge and skills to impart training and mentoring skills.

## COURSE DESCRIPTOR: Public Health Surveillance and Laboratory Methods in Epidemiology

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Course title	Public Health Surveillance and Laboratory Methods in Epidemiology
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Code:	SLP5901
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NQF Level:	9
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Contact hours:	4 hours per week × 28 weeks
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Credits

*Continuous assessment: At least 2 tests/assignments with 40% for admission to final examination*

*Examination: theory 25% 1 x 3 hour paper*

*Practicum: formative 75%*

Epidemiology of Priority Public Health Conditions

This course will equip students with knowledge and skills to manage the priority public health conditions; injuries; zoonotic and vaccine preventable diseases; environmental, occupational and maternal health; undertake food borne disease surveillance and apply sampling techniques during outbreak

## YEAR 2: SEMESTER 2

### COURSE DESCRIPTOR: Prevention Effectiveness for Economics Evaluation

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Course Title	Prevention Effectiveness for Economic Evaluation
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Course Code	PEE5982
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Notional hours	180
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Contact hours	4 periods per week for 14 weeks
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Credits	18
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Pre-request	None
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Compulsory / Elective	Elective
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Semesters offered	Semester 2
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Course Aims

This course aims to equip students with knowledge and skills of economic analysis and evaluation for opportunity cost of epidemics and disease prevention.

Continuous assessment: At least 2 tests/assignments with 40% for admission to final examination



Examination: theory 25% 1 x 3 hour paper

Practicum: formative 75%

Continuous assessment: At least 2 tests/assignments with 40% for admission to final examination

#### COURSE DESCRIPTOR: Quality Assurance in Public Health Laboratory Practice

Course Title	Quality Assurance in Public Health Laboratory Practice
Course Code	QAL 5982
NQF level	9
Notional hours	180
Contact hours	4 periods per week for 14 weeks
Credits	18
Pre-request	None
Compulsory / Elective	Elective
Semesters offered	Semester 2

#### Course Aims

This course aims to equip students with knowledge and skills to identify quality assurance issues as they relate to laboratory diagnostic, standards and accreditation of laboratory practice and develop the necessary quality assurance programmes.

#### Learning Outcomes

Upon completion of this course, the student should be able to:

1. Develop and implement quality assurance programs for public health laboratory practice.

#### Assessment Strategies

Continuous assessment: At least 2 tests/assignments with 40% for admission to final examination

Examination: theory 25% 1 x 3 hour paper

Practicum: formative 75%

#### COURSE DESCRIPTOR: Advanced Epidemiology

Course Title	Advanced Epidemiology Methods
Course Code	AEM 5982
NQF level	9
Notional hours	180
Contact hours	4 periods per week for 14 weeks
Credits	18
Pre-request	None
Compulsory / Elective	Elective
Semesters offered	Semester 2

Course aims: Residents will learn how to analyze and interpret data from descriptive and analytic studies.

Continuous assessment marks: Minimum of 2 assessments contributing 50% to Final mark. Student must attain 40% for examination admission

Examination assessment: 1 x 3 hour examination paper contributing 50% to final mark

Students must attain 50% to pass this course.

#### COURSE DESCRIPTOR: Laboratory Management and Systems

Course Title	Laboratory Management and Systems
Course Code	LMS 5982
NQF level	9
Notional hours	180
Contact hours	4 periods per week for 14 weeks
Credits	18

Pre-request  
Compulsory / Elective

None  
Elective

Course aims: This course aims to prepare knowledgeable competent residents in the field of public laboratory management to manage public laboratories in accordance with acceptable quality standards.

Continuous assessment marks: Minimum of 2 assessments contributing 50% to Final mark. Student must attain 40% for examination admission Examination assessment: 1 x 3 hour examination paper contributing 50% to final mark

Students must attain 50% to pass this course

#### COURSE DESCRIPTOR: Field Placement and Portfolio 2

Course Title	FIELD PLACEMENT 2
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Code:	NFPP 5930
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NQF Level:	9
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Credits	24
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Notional Hours:	240
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*Continuous assessment:*

Field placement and trainings will be graded using a checklist of expected competencies deliverables (portfolio product).

Formative assessment will be used. Each Resident will be expected to score a minimum of 50% to pass.

Course Aim:

This course aims to develop the competence of residents in the practical application of epidemiological methods to a wide range of contemporary public health settings.

#### COURSE DESCRIPTOR: MATERS THESIS

COURSE Title	MATERS THESIS
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Code:	AEP 5900
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NQF Level:	9
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Credits	96
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Notional Hours:	960
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Prerequisite: Successful completion of all course work, except Field Placement and Portfolio 1 & 2

*Continuous assessment:*

Field placement and trainings will be graded using a checklist of expected competencies deliverables (portfolio product).

Formative assessment will be used. Each Resident will be expected to score a minimum of 50% to pass.

Course Aim:

This course aims to develop the skills to conduct research, by applying appropriate research techniques; write the report and disseminate the findings. It further aims to give experience in working on a research problem, reading and reviewing relevant research literature, presenting findings to the research community and write a thesis in accordance with the guidelines provided by the Post Graduate Studies Committee and approved by Senate.

## CURRICULUM FOR THE DOCTOR OF PHYLOSOPHY IN PUBLIC HEALTH

### DOCTORAL DEGREES

DOCTOR OF PHYLOSOPHY IN PUBLIC HEALTH (PhD): 23DPPH

#### ADMISSION

To register for the Doctor of Philosophy in Public Health degree, a candidate must:

- Hold a **Master's** degree in Public health or an equivalent qualification;
- Meet the general regulations for doctoral study at the University of Namibia;

Please refer to the General Information and Regulations Prospectus for general regulations as far as postgraduate courses of study are concerned.

## DURATION OF STUDY

The degree is not awarded to the candidate unless (s/he has been registered at the University of Namibia for a minimum of two academic years. The maximum study period is four years. Extension will only be granted in exceptional cases and only for one year. A student, who desires an extension, must submit a motivated application to Senate for consideration.

## CURRICULUM FRAME WORK

SEMESTER 1					SEMESTER 2				
Course	Code	Hours	Credits	NOF Level	Course	Code	Hours	Credits	NOF Level
Thesis writing	Q0649	6 tutorials	180	10	Thesis writing		6 tutorials	180	10
TOTAL CREDIT 360									

## EXAMINATION REGULATIONS

The examiners of the thesis may, should they deem necessary, call the candidate for an interview before the result is recommended. No person is allowed to report for the examination more than once without approval of Senate.

See General Information and Regulations Prospectus for detailed examination and promotion regulations.

## DOCTOR OF PHILOSOPHY IN PUBLIC HEALTH (PhD)

### COURSE DESCRIPTOR: DOCTOR OF PHILOSOPHY IN PUBLIC HEALTH (PhD)

Course title: Doctor of Philosophy in Public health

Code: 23DPPH

NOF level: 10

Contact hours: 2 hrs per student per week

Credits: 360

Course assessment: Dissertation is internally and externally examined. Viva-voce examination is also required.

Course Content: The course is done by research only where knowledge, theory and research methods are applied creatively to complex practical, theoretical and epistemological problems. By undertaking advanced research, this expands the knowledge of the field and is judged by research publications. An adequate body of advanced information relating to the selected field is independently retrieved and processed. A report should be compiled to communicate the whole research process.

