School of Veterinary Medicine Postgraduate Handbook

FOREWORD

The postgraduate Handbook was developed as part of curriculum development, registration, and subsequent accreditation of postgraduate programs at the School of Veterinary Medicine (SoVM). Notable among the outputs were the structured Ph.D. training programs that were developed to train a cadre of independent researchers with practical hands-on skills.

In order to ensure that prospective students, their sponsors, registered students, and staff alike the general public have access to the programs offered by the SOVM, the postgraduate handbook was developed. To facilitate the process of development, funding was obtained from the Africa Centre of Excellence for Infectious Diseases of Humans and Animals (ACEIDHA), Capacity Building in Zoonotic Diseases Management using integrated approach to Ecosystems Health (CAPAZOMANINTECO) at the human-livestock–wildlife interface in Eastern and Southern Africa, Fostering Quality Graduate and Postgraduate Training and Research through Enhanced Academic Collaboration and Mutual Student Exchange (FORTECASE) project and the SoVM. Gratitude is shown for persons individually and severally who participated in the development of this resource during the three workshops: Prof K.S. Nalubamba (former Dean, SoVM), the late Ms. Ireen Subulwa (former Assistant Registrar SoVM), and different serving staff within the SoVM.

The Handbook's overall goal is to provide a one-stop resource for a student's well-being towards academic progression and enhancing the student experience at the SoVM. It is, however, not a comprehensive document that caters to all aspects of a student but seeks to point to links and resources where additional information is found.

Professor Bernard Mudenda Hang'ombe

Dean, School of Veterinary Medicine, University of Zambia

Guide to the usage of this Handbook

The Handbook was developed to offer a general overview of services, programs, and processes that a student and staff should be familiar with in the course of training and stay at UNZA.

The users are encouraged to read this Handbook often to ensure compliance and understanding. The contents are organised in a number of different sections. A concise narrative is made so that each of the sections has a particular focus. To ensure that a clear understanding is made, and where necessary, the sections are interlinked, or a link is provided for further information.
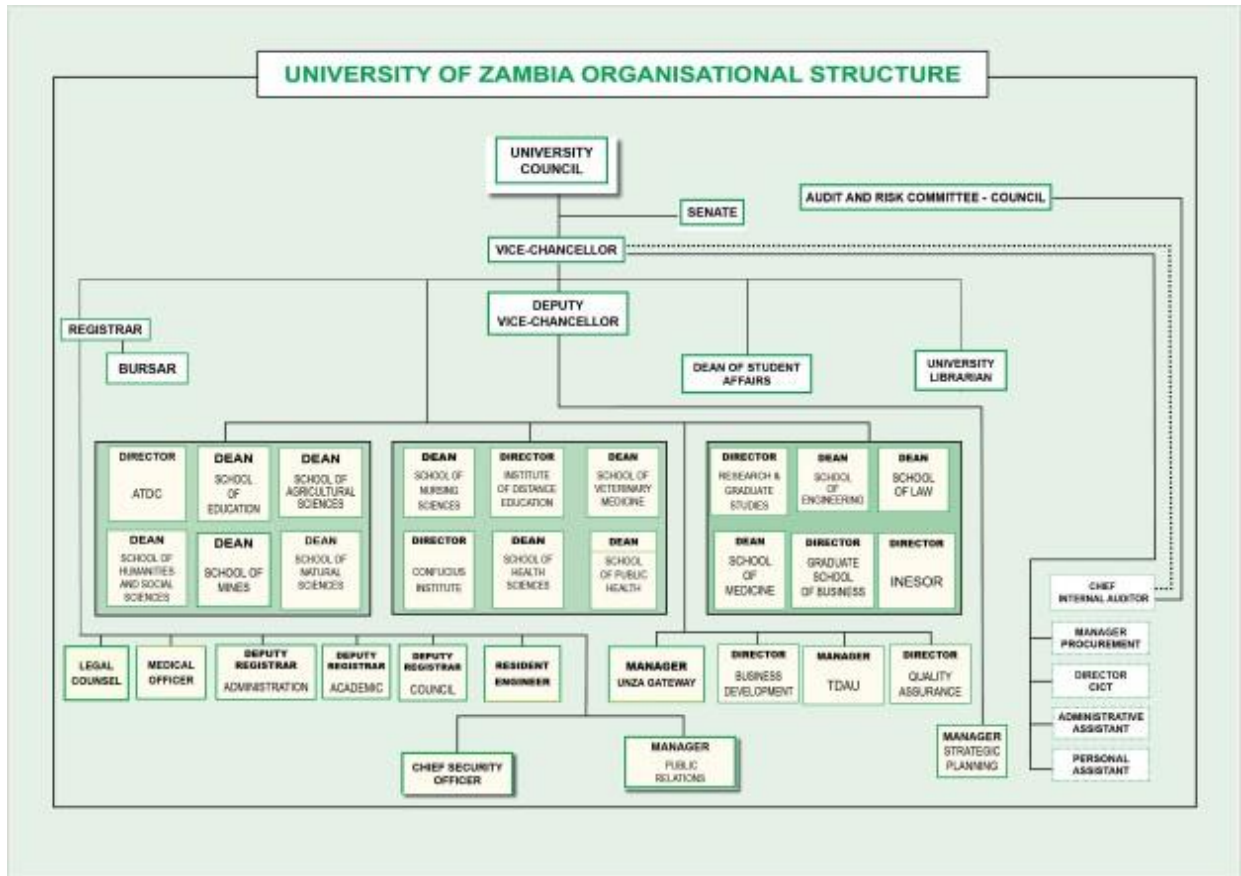
Introduction of the University of Zambia (UNZA)

The University of Zambia (UNZA) was established by Act of Parliament No. 66 of 1965. The first intake of students took place on 17 March 1966. The motto of the University, SERVICE AND EXCELLENCE, has guided the development of the University since its inception.

UNZA is situated in Lusaka on two campuses. It also has presence in the provincial centers of the country. The main campus is the Great East Road Campus, and it is situated on the Great East Road, 6km from the town center. The other campus is the Ridgeway Campus catering to the four schools: Medicine, Health Sciences, Public Health, and Nursing Sciences. It is situated on John Mbita Road, 4km southeast of Lusaka, opposite the University Teaching Hospital. Detailed information about UNZA is available (https://www.unza.zm/about/about-university).

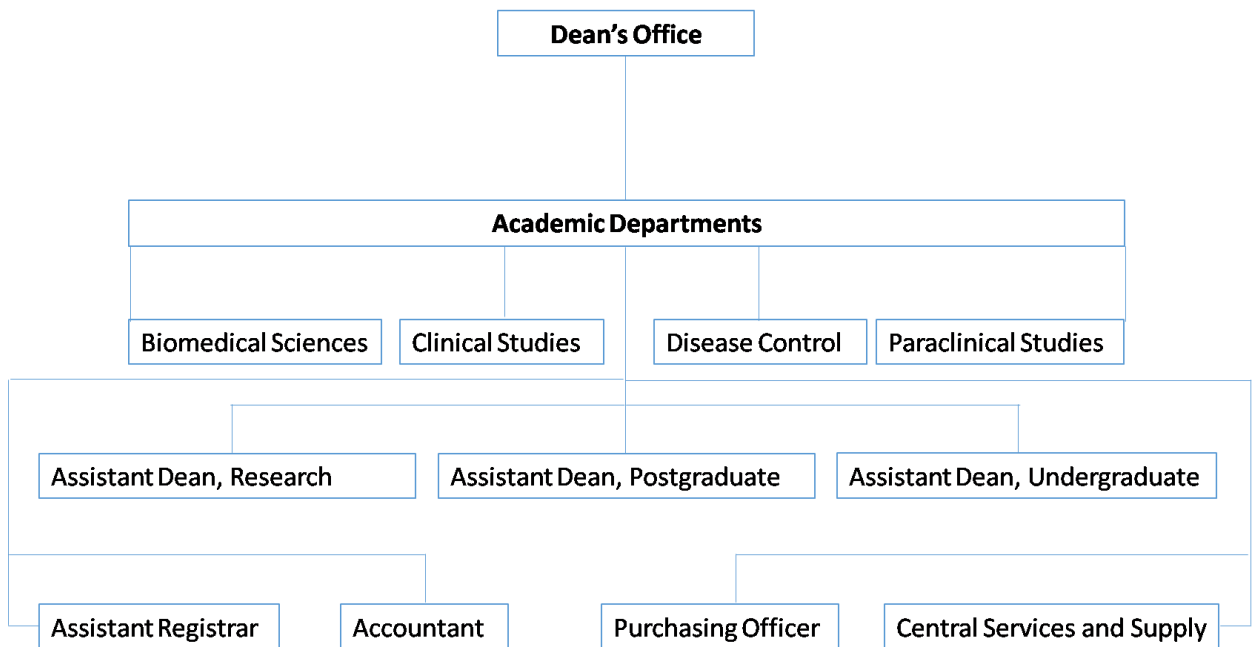**Organization of the University of Zambia**

UNIVERSITY OF ZAMBIA ORGANISATIONAL STRUCTURE

Organization of the School of Veterinary Medicine
You can find the information about the school and its staff on our website
(https://unza.zm/index.php/schools/veterinary-medicine/about)

The Organogram of the School of Veterinary Medicine

Academic Staff and areas of expertise (https://unza.zm/schools/veterinary-medicine/departments)

Dean: Prof Bernard M. Hang'ombe

Title	Surname	Other names	Email Address	Expertise
Department of Biomedical Sciences (Head: Dr Walter Muleya)				
Dr	Kataba	Andrew	andrewkataba@gmail.com	Anatomy
Dr	Simukoko	Humphrey	h.simukoko@unza.zm	Anatomy
Dr	Mwenechanya	Roy	r.mwenechanya@unza.zm	Biochemistry
Dr	Simukoko	Chalumba K.	chalumba.simukoko@unza.zm	Physiology
Dr	Muzandu	Kaampwe	kmuzandu@unza.zm	Toxicology
Dr	Lundu	Tapiwa	t.lundu@unza.zm	Physiology
Dr	Muleya	Walter	walter.muleya@unza.zm	Biochemistry
Dr	Sitali	Muloongo	sitali.muloongo@unza.zm	Physiology
Dr	Mwaanga	Edwell	e.mwaanga@unza.zm	Embryology/Histology
Department of Disease Control (Head: Dr Ngonda Saasa)				
Dr	Simulundu	Edgar	esikabala@yahoo.com	Infectious diseases
Dr	Mkandawire	Ethel	ethel.mkandawire@unza.zm	Clinical pathology and jurisprudence
Prof	Simuunza	Martin C.	martin.simuunza@unza.zm	Epidemiology
Prof	Munyeme	Musso	mmunyeme@unza.zm	Public Health
Prof	Pandey	Girja. S	gpandey@unza.zm	Clinical Pathology
Prof	Muma	John	jmuma@unza.zm	Public Health
Dr	Saasa	Ngonda	nsaasa@unza.zm	Preventive Medicine

Prof	Mumba	Chisoni	cmumba@unza.zm	Animal Health Economics
Dr	Wiza Wizanso	Mwasinga	wiza.mwasinga@unza.zm	Public Health
Prof	Syakalima	Michelo	michelo.syakalima@unza.zm	Clinical Pathology

Department of Paraclinical Studies (Dr Racheal Mwenda)

Prof	Hang'ombe	Bernard M.	bhangombe@unza.zm	Microbiology
Prof	Namangala	Borniface	b.namangala@unza.zm	Immunology
Prof	Sikasunge	Chummy S.	cssikasunge@unza.zm	Parasitology
Dr	Yabe	John	john.yabe@unza.zm	Environmental pathology
Dr	Changula	Katendi	ckchangula@unza.zm	Pathology
Dr	Rachael	Mweenda	rachael.mwenda@unza.zm	Pathology
Prof	Enala	Mwase	emwase@unza.zm	Entomology/Parasitology

Department of Clinical Studies (Dr Ntombi Mudenda)

Dr	Siwila-Saasa	Joyce	joyce.saasa@unza.zm	Small animal surgery
Dr	Hankanga	Careen	careen.hankanga@unza.zm	Companion animal medicine
Prof	Mwape	Kabemba, E.	evans.mwape@unza.zm	Equine Medicine/ surgery
Dr	Zulu	Victor, C.	victor.zulu@unza.zm	Reproduction and Obstetrics
Dr	Mudenda	Ntombi, B.	ntombi.nkonde@unza.zm	Small animal surgery and exotics
Dr	Chidumayo	Nozyechi	nozyechi.chidumayo@unza.zm	Companion animal medicine
Prof	Phiri	Andrew, M.	andrew.phiri@unza.zm	Small Animal surgery
Prof	Phiri	Isaac, G. K.	igkphiri@unza.zm	Food animal medicine
Dr	Malamo	Mumeka	mmalamo@unza.zm	Food animal medicine
Prof	Nalubamba	King S.	king.nalubamba@unza.zm	Food animal medicine and surgery
Dr	Bwalya	Eugene C	eugene.bwalya@unza.zm	Food animal medicine

Support and Technical staff

Title	Surname	Other names	Email address	Designation
Ms	Mukalula	Samantha Nkole	assregistrar-vet@unza.zm	Assistant Registrar
Mr	Golden	Zgambo	gzyambo@unza.zm	Chief Scientist - Department of Biomedical Sciences
Mr	Titus	Kaira	titus.kaira@unza.zm	Chief Scientist - Department of Paraclinical Studies
Mr	Andrew	Mukubesa	andrew.mukubesa@unza.zm	Chief Scientist - Department of Disease Control
Mr	Michael	Chisonde	michael.chisonde@unza.zm	Acting Chief Scientist - Department of Clinical Studies

Relevant School Board and committee

Board of Graduate Studies membership

The Board of Graduate Studies is responsible for organizing the structure and content of the courses of instruction of study. Its composition is as follows:
1) Dean, *Chairperson*
2) Assistant Registrar, *Secretary*
3) Heads of Department (4)
4) Assistant Deans (3)
5) All Professors in the School
6) Departmental Representatives (4)

Research Committee Membership

1) Assistant Dean (Research)-*Chairperson*
2) Senior Administrative Officer-*Secretary*
3) Dean
4) Assistant Dean (Undergraduate)
5) Assistant Dean (Postgraduate)
6) Heads of Department
7) Departmental focal point persons:

(i)   Department of Biomedical Sciences
(ii) Department of Clinical Studies
(iii) Department of Disease Control
(iv) Department of Paraclinical Studies

Masters Programmes
The school offers a wide range of Masters programmes either by taught or research mode as shown below:

Masters Programmes-Taught
1) Master Of Science in One Health analytical Epidemiology.
2) Master Of Science in One Health Diagnostic Sciences.
3) Master Of Science in Food Safety and Risk Analysis.
4) Master Of Science Ecological Public Health.
5) Master Of One Health Food Safety.
6) Master Of Science in Tropical Infectious Diseases and Zoonosis.

Masters Programmes-Research
1) Master of Science in Veterinary Pathology.
2) Master of Science in Veterinary Epidemiology.
3) Master of Science in Veterinary Anatomy and Physiology.
4) Master of Science in Microbiology.
5) Master of Science in Parasitology.
6) Master of Science in Public Health/Zoonosis.
7) Master of Science in Poultry Medicine.
8) Master of Science in Toxicology.
9) Master of Science in Infectious Diseases.
10) Master of Science in Public Health.
11) Master of Science in Veterinary Public Health.
12) Master of Science in Veterinary Medicine.

PhD Programmes
The school offers a wide range of PhD programmes as shown below:

1) Doctor of Philosophy in Veterinary Medicine.
2) Doctor of Philosophy in Veterinary Pathology.
3) Doctor of Philosophy in Veterinary Epidemiology.
4) Doctor of Philosophy in Microbiology.
5) Doctor of Philosophy in Parasitology.
6) Doctor of Philosophy in Public Health/Zoonosis.

7) Doctor of Philosophy in Diagnostic Veterinary Medicine.
8) Doctor of Philosophy in Infectious Diseases.
9) Doctor of Philosophy in One Health Analytical Epidemiology.
10) Doctor of Philosophy in Public Health and Epidemiology.
11) Doctor of Philosophy in Aquatic Animal Health.
12) Doctor of Philosophy in Neurosciences.
13) Doctor of Philosophy in Toxicology.
14) Doctor of Philosophy in Tropical Infectious Diseases and Zoonosis.
15) Doctor of Philosophy in Veterinary Pharmacology.
16) Doctor of Philosophy in Veterinary Medicine.
17) Doctor of Philosophy in Veterinary Pathology.
18) Doctor of Philosophy in Veterinary Epidemiology.
19) Doctor of Philosophy in Microbiology.
20) Doctor of Philosophy in Parasitology.
21) Doctor of Philosophy in Public Health/Zoonosis.
22) Doctor of Philosophy in Diagnostic Veterinary Medicine.
23) Doctor of Philosophy in Infectious Diseases.

Structured PhD programmes
1. Doctor of Philosophy (PhD) in Veterinary Clinical Sciences
2. Doctor of Philosophy (PhD) in Microbiology
3. Doctor of Philosophy (PhD) in Parasitology
4. Doctor of Philosophy (PhD) in Epidemiology and Economics
5. Doctor of Philosophy (PhD) in Public Health-Food Safety
6. Doctor of Philosophy (PhD) in Public Health (One Health)
7. Doctor of Philosophy (PhD) in Veterinary Public Health
8. Doctor of Philosophy (PhD) in Veterinary Biomedical Sciences

Requirements for Masters and Doctor of Philosophy programmes

All applications for postgraduate admissions are handled through the portal https://pgonline.unza.zm/users/login. For each program of study, there are requirements one needs to satisfy.

Despite the above minimum, all our doctoral training programmes at the SoVM have slightly different admission criteria that may take into consideration recognition of prior learning and experience.

For more information on studentship opportunities and the application process, kindly contact the Assistant Dean Postgraduate at assdeanpg-vet@unza.zm and vet.admissions@unza.zm.

General information of UNZA (Tuition fees, student IDs and access, focal contact persons (HoDs, Ass Dean PG etc)

Information on all the above is provided in the Postgraduate guidelines handbook (https://graduate.unza.zm/#).

Flowchart for first-time students

1) The application for admission will be processed by the SoVM and an acceptance letter generated and sent back to the applicant.

2) Using the acceptance letter, the student should proceed to register for a particular program of his or her interest via the online portal. Confirmation of registration will be made once the student has successfully met the requirements.

3) The first point of contact at the SoVM is the Office of the Assistant Dean Postgraduate. The Office will facilitate orientation and general guidance.

4) For Masters Students, a title of the study is needed to allow allocation to an appropriate department within the SoVM. It is a requirement for a Ph.D. to submit a basic concept note together with the application for admission. The concept note will enable the SoVM to allocate the student to a supervisor or supervisory team.

5) The concept notes are approved first in the department where the student is domiciled before the Graduate School Board confirms the approval.

6) At that meeting, supervisors are formally appointed.

7) After the approval of the concept note and allocation of supervisors, the two parties embark on the development of a proposal that also takes a similar route and process as the concept note.

8) Once the proposal has been approved, ethical clearance can be sought through various Institutional Ethical Research Boards.

9) Once ethical clearance has been granted, the student can start data collection and analysis.

10) Meanwhile, depending on the program of study (taught, research, or structured), the student will proceed as prescribed in the curriculum.

Change of study programme or withdrawal from programme

You are allowed to change the programme or withdraw. The procedure for doing so is outlined in the regulations (https://graduate.unza.zm/images/files/pg_regulations.pdf)

Roles and responsibilities

1) Student
2) Supervisor
3) School/Department

Roles and responsibilities for the supervisor, student, and school/department are clearly stipulated in the Postgraduate guidelines Handbook (https://graduate.unza.zm/downloads#). It is important that the student takes a leading role in ensuring that s/he follows the responsibilities so that it is much easier for the supervisor and school to supplement. However, it must be noted that when each of the key stakeholders in the training and welfare performs their duties and obligations, the less challenges will be faced. In the event that challenges arise different sections below address them.

Facilities

(a) Domiciled at the School of Veterinary Medicine

The following facilities are available within the school:-

Lecture theatres/rooms

> The school has several lecture theatres and rooms for teaching purposes. These include a large Main lecture hall (VLT) with a capacity for 204 people, two lecture theatres (EO1, F33) with a capacity for 70, and three (A03, AO4, AO5) with a capacity for 36 students each.

Laboratories include:

1) Diagnostic laboratories (Service and Research Laboratories): These laboratories have basic and molecular biology capabilities.

2) Teaching laboratories: Each department in the school has a well-equipped teaching laboratory.

3) Toxicology laboratory

4) Biosafety level 3 (BSL-3) biocontainment laboratory used in research involving highly pathogenic infectious agents.

5) One Biosafety level 2 (BSL-2) laboratory with mobile BSL-3 enhancement

6) Animal Bio-safety level-2 laboratory (ABSL-2)- used for research and disease diagnosis, research, and training.

Small and large animal clinic:

The clinic is located in the Department of Clinical Studies and is manned by a Clinic Manager, an Assistant Clinic Manager, a receptionist, a pharmacy technician, and House surgeons. Technical staff attached to the department assist in service provision to the public and in teaching undergraduate and postgraduate students alongside the academic staff. Its services farms, game

reserves, and wildlife rehabilitation centers and is a referral center for other veterinary clinics in Lusaka and the rest of the country.

Diagnostic imaging facilities

Facilities for radiography, ultrasonography, and endoscopy for companion animals, exotics, and food animals.

Library

The library has a 64-sitting capacity and is fully connected to the internet and video conferencing resources.

Fixed assets

Thirteen (13)-acre of land divided into paddocks housing pigs, chickens, donkeys, goats, sheep, cattle, and laboratory animals (mice, rats, rabbits, guinea pigs) and incubation facilities.
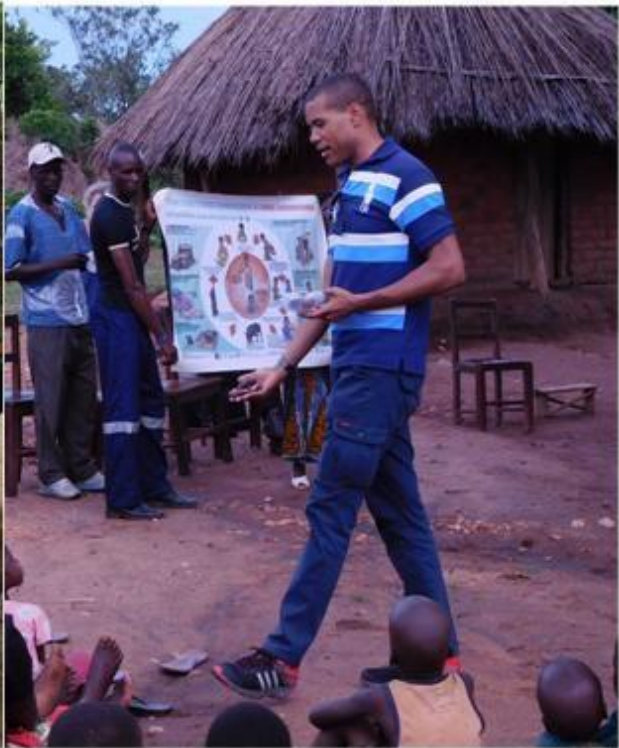
The facilities are used for treatment, experiments, teaching, and research and community service and generally as Animal accommodation for both companion, laboratory and food animals.

(b) Domiciled outside the School of Veterinary Medicine

Additional facilities can be accessible by students from outside the school. For research-specific facilities, the school has collaborations with other schools and units and government departments. In consultation with your supervisor, access and utilization can be arranged.

Student supervision

 ● Allocation of supervisors

A system for the allocation of supervisors is in place. Refer to the UNZA Regulations for Postgraduate Training of 2015 (https://graduate.unza.zm/downloads#) for qualifications and responsibilities.

 ● Student/supervisor relationship

This is well outlined in the UNZA Regulations for Postgraduate Training of 2015 (https://graduate.unza.zm/downloads#)

The interactions between the student and the supervisory team must be recorded in a supervisory form (https://graduate.unza.zm/images/files/progress/13.pdf). The frequency of these meetings will be decided by mutual consent, but it is encouraged that they are done regularly and consistently.

Choosing of Courses

This Handbook has been prepared as a guide.

You will be required to undertake mandatory foundational courses and program-specific courses.

You will also, in consultation with your supervisor, undertake elective courses, seminars, and workshops. The guidelines specify the list of available courses.

Progression criteria and procedures (yearly until graduation)

Refer to the UNZA Regulations for Postgraduate Training of 2015

(https://graduate.unza.zm/downloads# and https://graduate.unza.zm/graduate/forms)

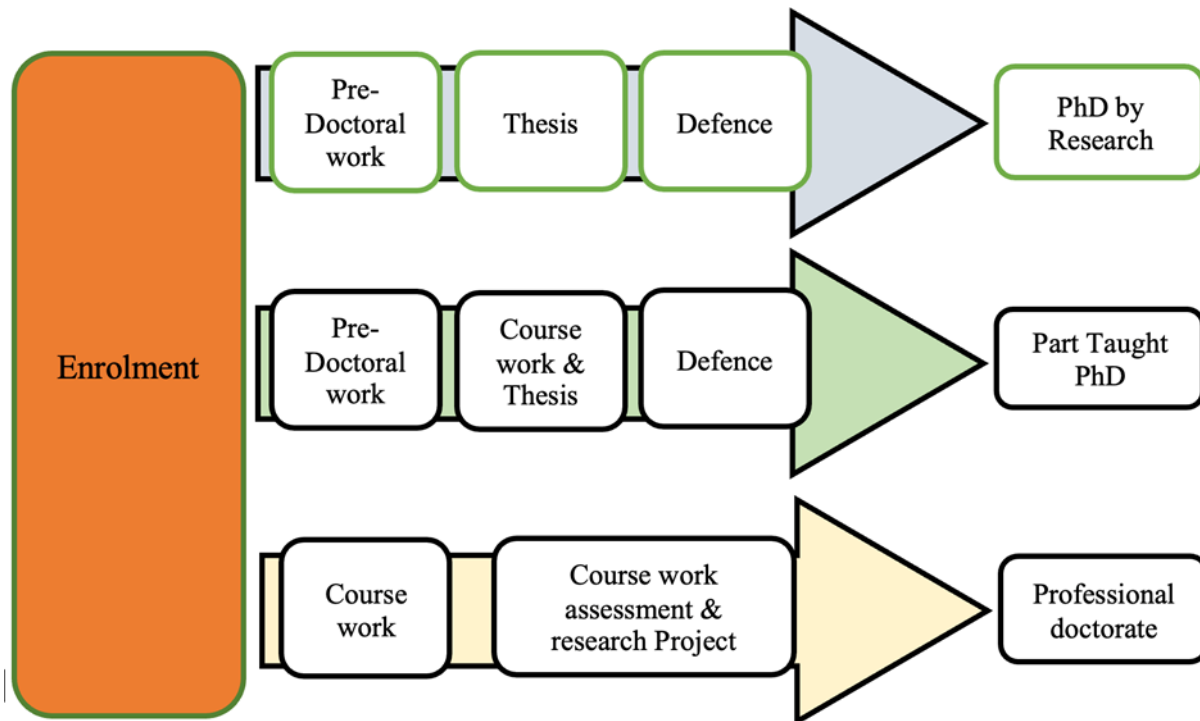Depending on your mode of study, the progression criteria have been spelled out below.

Figure. 1. Pathways for three types of doctoral degrees at the University of Zambia (Source: Mumba et al., 2023). Front. Educ., 28 August 2023; Sec. Educational Psychology, Volume 8 - 2023 | https://doi.org/10.3389/feduc.2023.1224075.

- **Progression criteria (Full time 3-5 years)**

  From Year 1 to 2
    - Completion of course work or Qualifying examination
    - Research proposal presentation and defence

  From Year 2 to 3
    - Completion of course work (for second year)
    - Progress report (based on agreed milestones)

  For graduation
    - Thesis
    - Defence
    - Publication (One for Ph.D. by monogram and three for Ph.D. by publication)

* A student that completes Year one and Year two will be given a transcript (record of work completed)

 * A student whose requirement for graduation (Thesis, Defence and Publication) is considered to be below the standard will be awarded an Mphil.

- **Progression criteria (part time 4-7 years)**

From Year 1 to 2

- Completion of course work or Qualifying examination
- Research proposal presentation and defence.

From Year 2 to 3

- Completion of course work (for second year).
- Progress report (based on agreed milestones).

From Year 3 to 4

- Completion of course work (for Year 3).
- Progress report (based on agreed milestones).

For graduation

- Thesis.
- Defence.
- Publication (One for Ph.D. by monogram and three by for Ph.D. publication).

* A student that complete Year one and Year two will be given a transcript (record of work completed)

* A student whose requirement for graduation (Thesis, Defence, and Publication) is considered to be below the standard will be awarded an MPhil.

Progression and Appeals procedures.

Refer to the University of Zambia Regulations for Postgraduate Training of 2015 (https://graduate.unza.zm/downloads# and https://graduate.unza.zm/graduate/forms)

Table 1: Credit allocation for UNZA PhD (Mumba et al., 2023)

PhD Type	Courses	Credits	Total Credits
PhD by Research	University Mandatory PhD Courses	60	360
	Elective Courses	20	
	Scholarship	20	
	Research Thesis	260	
Part Taught PhD	University Mandatory PhD Courses	60	360
	Discipline-Specific Courses	80	
	Elective Courses	20	
	Scholarship	20	
	Research Thesis	180	
Professional Doctorate	Coursework (including practice i.e., clinical)	240	360
	Workshop/seminar/Conferences/Journal Clubs	60	
	Research Report	60	

For all MSc Programs, one has to accrue a minimum of one hundred and twenty (120) credits to progress to the next year of study. I.e. One needs a minimum of 240 credits to graduate after two (2) years of study.

Extension of study period

In the event that for any satisfactory reason or justification that the student i snot in a position to complete their program of study, s/he can apply for extension of the study period using the provided form (https://graduate.unza.zm/images/files/progress/11.pdf).

Grievance procedure and change of supervisor.

Refer to Section 14 of the University of Zambia Regulations for Postgraduate Training of 2015 (https://graduate.unza.zm/downloads#, https://graduate.unza.zm/graduate/forms)and general student regulations.

Scholarships and scholarship opportunities

The University of Zambia does offer, from time to time, training sponsorship to its staff through the Staff Training and Development Office. is also attained through cooperating and collaborating partners (through Grant-aided projects and projects within the school) https://graduate.unza.zm/research/funding.

Monitoring and Assessments

There are different assessments as prescribed by different programs, whether taught or done by research. For specific or discipline-specific assessments kindly consult the approved curriculum documents. Suffice to note that each course is assessed in a manner appropriate to the course content and objectives.

Table 2: Credit allocation for UNZA Ph.D. (Mumba et al., 2023)

Core-Competence	Assessment tool/ type
Broad conceptual knowledge of a scientific discipline	Public lecture
Deep knowledge of a scientific field	Thesis defense
	Publications
Critical thinking skills	Tests
	Assignments
Experimental skills	Midterm evaluation
	Seminar presentations.
	Logbooks
	Portfolio
Computation skills	Tests
	Assignments
Collaboration and team skills	Supervisor reports
Responsible conduct of research and ethics	Ethical clearance of protocol by IRB
	Supervisor reports and Thesis defense.
Communication skills	Policy briefs
	Press statements
	Seminar & conference presentations
Leadership skills	Conference presentations and organization
Survival skills	Assignments
	Practical demonstrations

- Logbooks (refer to regulations)

Refer to the University of Zambia Regulations for Postgraduate Training of 2015 (https://graduate.unza.zm/downloads#)

- Examination processes

In consultation with the Supervisor(s), a postgraduate student will submit the form of submission of their work using PG-Form 2 https://graduate.unza.zm/images/files/progress/2.pdf). When the conditions have been met for examination, an appropriate form (PG-form 5) must be filled out (https://graduate.unza.zm/images/files/progress/5.pdf).

Refer to the University of Zambia Regulations for Postgraduate Training of 2015 (https://graduate.unza.zm/downloads# and https://graduate.unza.zm/graduate/forms).

The University of Zambia has zero tolerance for plagiarism. Anyone found foul of this requirement will face sanctions as prescribed in the student rules and regulations.

Support services

If you have any problem or query affecting your studies and life in general at UNZA, please contact any of the following so that you can be helped. Responsible people can be found within the school or can be accessed at services offered within the greater University. The University of Zambia has people with a lot of experience with issues related to health, emotional, family, housing, language, or other challenges. Do not suffer in silence.

(a) Services within the School of Veterinary Medicine

If you have a problem, or if you are seriously worried about the well-being of another student, inform the following so that the affected individual(s) can be supported in their studies.

1) Your supervisor
2) Academic counselor
3) Assistant Registrar
4) Assistant Dean Postgraduate

(b) Services within the University of Zambia

If issues affecting you cannot be resolved at the school level, the relevant officers will refer you to the services within the University. Depending on your particular circumstances, the links below may be useful.

Services provided University-wide can also be accessed directly without having to contact the persons indicated above within the school.

International Link Office

Support services for International students such as language requirements, immigration compliance, and facilitation and accommodation can be found at https://unza.zm/academics/study-at-unza/international-students

Health services

UNZA Health Services offers medical services to registered students who have met required criteria set by the University. Where applicable, students are offered referral arrangements to nearby tertiary health facilities. (https://unza.zm/units/health-services/staff-scheme).

For ease of contacting the Clinic the following contact details are useful:

- Tel: +260 211 291840
- Medical Officer: +26 095 531 4575, +26 095 531 4575
  - Email: clementina.lwatula@unza.zm
- Secretary to the Medical officer: unza.clinic@unza.zm
- Ambulance: +26 095 583 2547, +26 095 583 2547

Student welfare, guidance and counseling

UNZA has a Counseling Centre located at the main campus which offers a wide range of services and support including personal and health concerns, and tips on how to manage different aspects of student life. The rest of the details are located on the following link and phone number: https://unza.zm/campus-life/guidance. Tel: 260 211 291702/254955

Academic supervisors will facilitate many issues bordering on welfare, guidance and counseling. S/he will point resources and facilities to be accessed for a variety of needs.

Student welfare

The University Dean of Students Affairs (DOSA) is responsible for the implementation and enforcement of general rules and regulations guiding student welfare within the university (https://www.unza.zm/unit/dean-of-students/rules-regulations). Kindly familiarize yourself with the regulations and always follow their guidance.

- **Accommodation**

The University has limited bed space but a specific allocation, although limited, for postgraduates' students exists. Accommodation is obtained by application through the Dean of Students' Affairs. However, there is a lot of privately rented accommodation within the vicinity of the University. Assistance is offered to international students to secure private rented accommodation (https://www.unza.zm/academics/study-at-unza/international-students)

- **Security (national and UNZA)**

There is a Zambia Police Post within a 10-minute walking distance situated in Handsworth Park. The University has a security wing situated near the UNZA Health Services. For any security issues or assistance, these two are closest to the University.

- **Sports facilities**

The University has a Sports and Recreation department headed by the Sports and Recreation Officer who is assisted by an Assistant Sports and Recreation Officer. Under the department, there are several sports facilities including, but not limited to, football fields, netball fields, tennis courts, and sports halls for indoor games. Several sporting discipline groupings exist with room

for establishing new ones through the Sports and Recreation Officer. For more information visit https://www.unza.zm/campus-life/sports.

- Clubs and societies

If you are interested in joining any clubs, societies, or religious groupings, there is information at the Dean of Students and UNZA Christian Center (https://www.unza.zm/campus-life/clubs). Clubs, societies, and the Christian Center offer environments where they can meet their peers and co-religions. Note that the Christian Center also carters for non-Christian groupings and faiths.