

INTRODUCTION

The School of Biological Sciences (SBS) is housed in two multi-storeyed buildings set in a serene and forested area situated at Chiromo Campus of the University of Nairobi. The campus is located some 2 km from the Main Campus of the University (Nairobi City) across Msongawai River and just off Riverside Drive. It offers both undergraduate and postgraduate training and, a number of research programmes. It has abundant teaching and research facilities, which include spacious laboratories, lecture theatres, insectaries, a renown herbarium, museums and field stations.

MASTER OF SCIENCE PROGRAMMES

Course Structure and Duration

The programme shall be offered for a minimum period of four semesters and a maximum of twelve semesters and will be offered by course work, examination and thesis.

M.Sc. in Entomology

The Master of Science in Entomology degree course covers agricultural, medical and veterinary components of insect science. It provides advanced training in detection, identification, classification, biology as well as diverse practical aspects of management and control of insect pests of agricultural crops, trees and forests and, vectors of human, livestock and wildlife diseases. The graduates of this programme will be competent to pursue doctoral studies anywhere in the world.

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences.

The following are eligible for admission:

- (i) Holders of a degree of the University of Nairobi of at least Upper Second Class Honours in Biological Sciences or an equivalent qualification from a university recognized by University of Nairobi Senate.
- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Applied Parasitology

This course incorporates the current trends in Parasitology which include the new field of Molecular Biology. This is a very powerful tool in taxonomy and in fundamental research for the diagnosis of diseases. The field course component and student's industrial attachment is also emphasized. It provides training in Applied Parasitology to students who

intend to pursue a career in research and or teaching in Parasitology.

Admission Requirements

The common regulations governing the Masters' degrees in the University of Nairobi and School of Biological Sciences shall be applicable. The following shall be eligible for admission:

- (i) Holders of at least an Upper Second Class Honours degree or equivalent qualification from a University recognised by Senate with at least one unit in Parasitology.
- (ii) Holders of a Lower Second Class Honours Degree or equivalent qualification with at least one unit in Parasitology from a University recognized by Senate plus evidence of adequate relevant research and academic work undertaken since the award of the degree.

M.Sc. in Applied Physiology and Cellular Biology

Physiology and Cell biology contribute significantly to the development of Molecular Biology and Biotechnology, which are essential tools of development. This degree programme provides training and research necessary to meet academic and industrial manpower and to provide firm research foundation.

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

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- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Biology of Conservation

This degree programme has been devised to adopt and include new ideas, fundamental theories, issues and techniques in ecology and conservation biology. It provides thorough understanding of ecosystems, vertebrate biological aspects and their relevance to ecology and conservation.

Admission Requirements

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at least Upper Second Class Honours in Biological Sciences or an equivalent qualification from a university recognized by University of Nairobi Senate.

- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Genetics

Entry Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

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- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Hydrobiology (in the following options:- Marine & Fresh Water Biology, Fisheries Management, Aquaculture, Marine Biodiversity Conservation & Fisheries Management)

These are courses in Aquatic Sciences.

Admission Requirements

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- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Microbiology

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

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- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Mycology

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

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- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.

M.Sc. in Plant Ecology

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

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- (ii) Holders of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- (iii) A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Plant Physiology and Biochemistry

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

- Holder of a degree of the University of Nairobi of at least Upper Second Class Honours in Biological Sciences or an equivalent qualification from a university recognized by University of Nairobi Senate.
- Holder of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

M.Sc. in Taxonomy & Economic Botany

Admission Requirements

A candidate must satisfy the common regulations governing the Master's degrees of the University of Nairobi and School of Biological Sciences. The following shall be eligible for admission:

- Holder of a degree of the University of Nairobi of at least Upper Second Class Honours in Biological Sciences or an equivalent qualification from a university recognized by University of Nairobi Senate.
- Holder of a Lower Second Class Honours degree in Biological Sciences or equivalent plus at least two years relevant work/research experience evidenced by publications may be considered for admission.
- A pass degree in Biological Sciences or equivalent, plus a relevant postgraduate diploma may be considered for admission.

CREDIT TRANSFERS & EXEMPTIONS

A candidate may be exempted from some course units and credit transferred from institutions recognized by Senate subject to the following conditions:

- Must have passed in similar course units at Masters or equivalent level.
- The applicant must meet the entry requirements of the University of Nairobi and those of the School of Biological Sciences.
- The applicant cannot transfer more than one third of the course work and must take two thirds of the course work during the course of study.

Note: Request for exemption must be made in writing, on admission, addressed through the Director, School of Biological Sciences to the Director of Board of Postgraduate Studies and must be accompanied by officially endorsed supporting documents including the previous institution's syllabuses for the relevant courses.

Ph. D (Biological Sciences)

The School offers PhD. degrees by research only.

General University of Nairobi Regulations shall apply.

POSTGRADUATE FEES STRUCTURE FOR KENYAN REGULAR STUDENTS FOR THE 2006/2007

	Masters	PH.D.
(a) GENERAL	Kshs.	Kshs.
Application fees	3,000.00	3,000.00
Research Money*	150,000.00	750,000.00
Book Allowance	40,000.00	40,000.00
(b) Composite Fee		
Registration (p.a)	2,000.00	2,000.00
ID Card	500.00	500.00
Tuition Fees:		
Year 1	89,500.00	108,700.00
Year 2	89,500.00	108,700.00
Year 3	N/A	108,700.00
Supervision	6000.00	12,000.00
Exam (Written)	5000.00	N/A
(Thesis)	9000.00	12,000.00
Computer Fee (p.a)	5,000.00	5,000.00
Activity Fee	2,000.00	2,000.00
Medical Fee	5,000.00	5,000.00
Caution Money	5,000.00	5,000.00
Year 1	120,000.00	152,200.00
Year 2	122,700.00	135,200.00
Year 3		135,200.00

(c) Other Charges

Late Application Fees	4,000.00
Extended Registration Period	4,000.00
Extended Correction Period	1,000.00 per 3 months
Extended Revision Period	3,000.00 p.a
Extended Supervision	6,000.00 (MSc.); 12,000.00 (PhD.)
Examination for Revised Thesis	9,000.00

NOTE

All fees due should be paid before registration can be effected. Appropriate field work fee shall be charged separately.

*This is the minimum recommended research funds.

Fees will be payable by Money Order or Bankers Cheques only Drawn in favour of University of Nairobi Enterprises and Services (UNES) Limited.

The Fees indicated above do not include accommodation, personal maintenance costs, books and stationery.

FEES STRUCTURE FOR FOREIGN POSTGRADUATE STUDENTS

	Masters	PH.D.
(a) GENERAL	US\$	US\$
Application fees	50.00	50.00
Research Money*	2,500.00	10,500.00
Book Allowance	1,000.00	1,000.00
(b) Composite Fee		
Registration (p.a)	360.00	360.00
ID Card	10	10
Tuition Fees:		
Year 1	3,500.00	3,500.00
Year 2	3,500.00	3,500.00
Year 3	N/A	3,500.00
Supervision	600.00	1,000.00
Exam (Written)	600.00	N/A
(Thesis) -per copy of thesis	600.00	800
Medical Fee	400.00	400.00
Caution Money	150.00	150.00
(c) Other Charges		
Corrections	400.00	
Extended Revision Period	3,000.00 p.a	
Extended Supervision	600.00	
Examination for Revised Thesis	400.00	

For More information Contact:

DIRECTOR

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UNIVERSITY OF NAIROBI

COLLEGE OF BIOLOGICAL AND PHYSICAL SCIENCES

SCHOOL OF BIOLOGICAL SCIENCES

POSTGRADUATE PROGRAMMES

- Master of Science (Agricultural Entomology)
- Master of Science (Applied Parasitology)
- Master of Science (Applied Physiology and Cellular Biology)
- Master of Science (Biology of Conservation)
- Master of Science (Genetics)
- Master of Science (Hydrobiology)
- Hydrobiology (Options: Marine & Freshwater Biology, Fisheries Management & Aquaculture)
- Master of Science (Medical & Veterinary Entomology)
- Master of Science (Microbiology)
- Master of Science (Mycology)
- Master of Science (Plant Ecology)
- Master of Science (Plant Physiology & Biochemistry)
- Master of Science (Plant Taxonomy & Economic Botany)

Ph. D (Biological Sciences)

- Applied Parasitology
- Applied Physiology and Cellular Biology
- Aquatic Plant Ecology
- Biology of Conservation
- Entomology
- Genetics
- Hydrobiology
- Microbiology
- Mycology
- Plant Ecology
- Plant Physiology and Biochemistry
- Taxonomy and Economic Botany
- Terrestrial Plant Ecology

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