

DEPARTMENT OF VETERINARY PUBLIC HEALTH AND PREVENTIVE MEDICINE

M.Sc. Degree Programs

M.Sc. Veterinary Public Health and M.Sc. Veterinary Preventive Medicine

PHILOSOPHY AND OBJECTIVES

The Health of both humans and animals remains a major problem in Nigeria. The manpower to address the various problems also remains critical as the expertise or specialists in the field are still too few for the gigantic work. The answer lies in the postgraduate training and retraining of personnel in the livestock and health sectors. To meet the needs, the Department of Veterinary Public Health and Preventive Medicine is submitting herewith a proposal for two programs leading to the award of M.Sc. degree in Veterinary Public Health and M.Sc. in Veterinary Preventive Medicine. This is in response to growing demand for postgraduate higher degree programs in Veterinary Public Health and Preventive Medicine from interested graduates nationwide for the programs.

CAREER PROSPECTS

The M.Sc. program will enable candidates to conduct independent research culminating in specialization and enhanced output for qualified and adequate work force for both governmental and non-governmental consumption.

The Master's Degree programs are designed to train both academic and research staff from the public and private sectors. Specifically, it is designed to meet the needs of two groups of students:-

Those who prefer a terminal program to enable them enter fields of public industrial, government or institutional veterinary herd health and public health services and establishments including FAO and WHO, IBAH, etc.

Those who are already in the preventive and public health sectors of the veterinary professional practices but want to upgrade their knowledge in the fields.

NATURE OF PROGRAM

The student may specialize in any of the following areas:

Public Health

Preventive Medicine

The registration of a candidate for the higher degree shall elapse if after the maximum duration of the program the candidate has not successfully completed his/her program.

ADMISSION REQUIREMENTS

Admission requirements are as stipulated in the post graduate hand book of the University of Agriculture, Makurdi. Candidates with the DVM degree which is unclassified and any other related discipline must have average CGPA of 3.5 to qualify for admission.

MODE OF EXAMINATION

TOTAL CREDIT HOURS: The minimum total credit hours for Postgraduate Programs shall be as follows:

Master's Degree -----24

MODE OF PROSECUTION : The M.Sc. Degree Program shall be prosecuted by the following modes: (1) Course Work (2) Dissertation

The Master's Degrees shall be awarded to a candidate after a successful oral defense of his/her dissertation.

PRESENTATION OF SEMINAR

The Master's Degree students shall present at least two seminars during the course of their program. The first shall be presentation of research proposal, and it shall normally be after the student has finished his/her course work. The seminar affords opportunity for per review and contribution by staff of the College/Department. The second is at the end of his/her work before the defence of his/her work with External Examiner. Upon completion of work/field/laboratory research work and gives opportunity for critical assessment of work done.

SYNOPSIS OF COURSES

M.Sc. PROGRAM IN VETERINARY PUBLIC HEALTH

FIRST SEMESTER

COURSE	COURSE TITLE
VPH 811	Applied Biostatistics
VPH 812	Principles of Epidemiology
VPH 813	Public Health Administration
VPH 814	Zoonoses
VPH 815	Computer Application in Veterinary Research
VPH 816	Food Hygiene
VPH 817	Meat Hygiene

SECOND SEMESTER

COURSE	COURSE TITLE
VPH 818	Milk Hygiene
VPH 821	Environmental Health
VPH 822	Abattoir design and Management
VPH 823	Applied Immunology
VPH 824	Fish and Shell Fish Hygiene
VPH 825	Advanced Epidemiology
VPH 826	Jurisprudence
VPH 827	Seminar

M.Sc. PROGRAMME IN VETERINARY PREVENTIVE MEDICINE

FIRST SEMESTER

COURSE	COURSE TITLE
PVM 811	Applied Biostatistics
PVM 812	Principles of Epidemiology
PVM 813	Public Health Administration
PVM 814	Zoonoses
PVM 815	Computer Application in Veterinary Research
PVM 823	Environmental Health

SECOND SEMESTER

COURSE	COURSE TITLE
PVM 817	Disease Surveillance and Monitoring
PVM 818	Principles and Methods of Preventive Medicine
PVM 821	Molecular Epidemiology
PVM 816	Advanced Epidemiology
PVM 824	Veterinary Jurisprudence
PVM 825	Herd Health Management
PVM 826	Economics of Livestock Production

Ph.D Veterinary Public Health and Ph.D Veterinary Preventive Medicine

PHILOSOPHY AND OBJECTIVES

The Health of both humans and animals remains a major problem in Nigeria. The manpower to address the various problems also remains critical as the expertise or specialists in the field are still too few for the gigantic work. The answer lies in the postgraduate training and retraining of personnel in the livestock and health sectors. To meet the needs, the Department of Veterinary Public Health and Preventive Medicine is submitting herewith a proposal for two programs leading to the award of Ph.D degree in Veterinary Public Health and Ph.D in Veterinary Preventive Medicine. This is in response to growing demand for postgraduate higher degree programs in Veterinary Public Health and Preventive Medicine from interested graduates nationwide for the programs.

CAREER PROSPECTS

The Ph.D program will enable candidates to conduct independent research culminating in specialization and enhanced output for qualified and adequate work force for both governmental and non-governmental consumption.

The Doctor of Philosophy degree programs are designed to train both academic and research staff from the public and private sectors. Specifically, it is designed to meet the needs of three groups of students:-

Those who want to obtain a Ph.D degree as a stepping stone for further academic or research work.

NATURE OF PROGRAMME

The student may specialize in any of the following areas:

Public Health

Preventive Medicine

DURATION OF THE PROGRAM

The duration of the program is as follows:

Ph.D PROGRAMME:

(i) Full Time: 6 Semester – Minimum
8 Semester – Maximum as per page 12 of the PG Regulation of UAM

(ii) Part Time: 8 Semester – Minimum
10 Semester – Maximum as per page 12 of the PG Regulation of UAM

The registration of a candidate for the Ph.D degree shall elapse if after the maximum duration of the program the candidate has not successfully completed his/her program.

ADMISSION REQUIREMENTS

To qualify to the Ph.D degree program candidates must have any of the following higher degrees: Master of Science. (Veterinary Public Health) Master of Science (VPH): Veterinary Preventive Medicine: (MVPM): Master of Public Health (M.Phil. Public Health): Master of Veterinary Public Health (MPVM): (Master of Science Public Health (MSPH) and Master of Public Health (MPH).

MODE OF EXAMINATION

Eligibility: To be eligible to write examination in each course registered, a student must at least 75% attendance at Lectures, Practical, Seminars etc.

Total Credit Hours: The minimum Total Credit hours for Postgraduate Programs shall be as follows:

Doctorate Degree ----- 36

(c) **Mode Of Prosecution :**

The Ph.D Program shall be pursued by comprehensive Research to be embodied in a thesis. Candidates may be required to take some courses and must present seminars as conditions for graduation.

The Ph.D Degrees shall be awarded to a candidate after a successful oral defense of his/her dissertation or thesis.

PRESENTATION OF SEMINAR

The Ph.D Degrees students shall present at least two seminars during the course of their program. The first shall be presentation of research proposal, and it shall normally be after the student has finished his/her course work. The seminar affords opportunity for peer review and contribution by staff of the College/Department. The second is at end of his/her work before the defence of his/her work with External Examiner upon completion of work/field/laboratory research work and gives opportunity for critical assessment of work done.

Ph.D. PROGRAMME IN VETERINARY PUBLIC HEALTH

FIRST SEMESTER

COURSE NO	COURSE TITLE
VPH 911	Advanced Epidemiology
VPH 912	Zoonoses & Emerging Zoonoses
VPH 913	Abattoir Design and Management
VPH 914	Environmental Pollution and Health
VPH 915	Public Health Administration and International Health

SECOND SEMESTER

COURSE NO	COURSE TITLE	COURSE UNITS
VPH 921	Molecular Epidemiology	2.0
VPH 922	Applied Biostatistics	2.0
VPH 923	Food, Milk, Meat & Fish Hygiene	3.0
VPH 924	Computer in Veterinary Research	2.0
VPH 925	Seminar	2.0 = 11

Ph.D PROGRAMME IN VETERINARY PREVENTIVE MEDICINE

FIRST SEMESTER

COURSE NO	COURSE TITLE	COURSE UNITS
VPM 911	Advanced Epidemiology	2.0
VPM 912	Disease Surveillance & Monitoring	2.0
VPM 913	Zoonoses & Emerging Zoonoses	3.0
VPM 914	Applied Biostatistics	2.0

VPM 915	Economics of Animal Disease Control	2.0
VPM 916	Advanced Preventive Medicine & Jurisprudence	2.0 = 13.0

SECOND SEMESTER

COURSE NO	COURSE TITLE	COURSE UNITS
VPM 921	Advances in Vaccine Production and Application	2.0
VPM 922	Environmental Health	2.0
VPM 923	Food Hygiene	3.0
VPM 924	Computer in Veterinary Research	3.0
VPM 925	Seminar	2.0 = 12.0