

DEPARTMENT OF VETERINARY MEDICINE

M.V.Sc. Degree Program

PHILOSOPHY AND OBJECTIVES

The Master's degree Program (M.V.Sc.) of the Department is designed to train experts in the areas of Diagnosis, Prevention, Treatment and Control of infectious and non-infectious diseases of domestic and non-domestic animals, Fish and zoo animals. The graduates are expected to apply their knowledge to relieve animal pain, enhance animal health and productivity and any other problems caused by animal diseases.

The postgraduate programs are advanced Veterinary education to students and to produce Veterinarians with specialization and in depth and up to date knowledge in one animal species. The students are trained for M.V.Sc degree.

CAREER PROSPECTS

Successful M.V.Sc students have careers as academics in the Universities/higher /Research Institutions, industry, civil service and private establishments. They can also be self-employed.

NATURE OF PROGRAMME

The student may specialize in any of the following areas:

- Avian Medicine
- Ruminant Medicine ·Small animal Medicine ·Swine Medicine ·Ethno veterinary Medicine ·Equine Medicine
- Aquatic Medicine ·Wild life Medicine

DURATION OF THE PROGRAM

The duration of the program is as follows:

- (i) **Full Time** - 4 Semester – Minimum
6 Semester – Maximum as per page 12 of the University PG regulations.
- Part Time** - 6 Semesters Minimum
8 Semesters Maximum as per page 12 of PG Regulations of the University.

ADMISSION REQUIREMENTS

Admission requirements are as stipulated in the University PG Handbook on general regulations for Postgraduate diplomas and higher degrees of the University of Agriculture, Makurdi. Candidates with the DVM degree which is unclassified must have average of CGPA of 3.5 (60% or above grade) to qualify for admission. Only candidates with the DVM degree are qualified for admission into this degree program of the College.

MODE OF EXAMINATION

ELIGIBILITY: To be eligible to write examination in each course registered, a student must have at least 75% attendance at lectures, practicals, seminars etc.

TOTAL CREDIT HOURS: The minimum total credit hours for the Master's degree (M.V.Sc.) program shall be as 24

MODE OF PROSECUTION: The M.V.Sc. Degree Program shall be prosecuted by Course work and dissertation.

The program shall be concluded by a Comprehensive Research to be embodied in a dissertation. Candidates will be required to take some courses and must present seminars as conditions for graduation.

The Master's Degree 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 peer review and contribution by staff of the College/Department. The second is at the end of his/her work before the defense of his/her work before an External Examiner upon completion of field/laboratory research work and gives opportunity for critical assessment of work done.

M.V.SC PROGRAM IN VETERINARY MEDICINE FIRST SEMESTER

| COURSE NO. | TITLE | UNITS |
|-------------------|--------------------------------|--------------|
| VMD 811 | General Medicine | 4 |
| VMD 812 | Vet. Clinics and Farm Practice | 4 |
| *VMD 813 | Ruminant Medicine | 3 |
| *VMD 814 | Avian Medicine | 3 |
| VMD 815 | Research Techniques | 2 |
| *VMD 816 | Small Animal Medicine | 2 |
| *VMD 817 | Swine Medicine | 2 |
| TOTAL | | 12 |

*Optional Course

SECOND SEMESTER

| COURSE NO. | TITLE | UNITS |
|--------------|--------------------------------------|-----------|
| VMD 821 | Herd Health Medicine | 3 |
| * | | |
| VMD 822 | Equine Medicine | 2 |
| VMD 823 | Special Problem | 2 |
| * | | |
| VMD 824 | Wild life Medicine | 2 |
| * | | |
| VMD 825 | Aquatic Medicine | 2 |
| VMD 826 | Seminar | 1 |
| VMD 827 | Veterinary Clinics and Farm Practice | 4 |
| VMD 828 | General Immunology | 2 |
| TOTAL | | 12 |

*Optional Course

Schedule for all courses offered outside the Department are to be determined by the Department concerned.

Core Courses: VMD 811, VMD 812, VMD 815, VMD 821, VMD 823, VMD 826, VMD 827, VMD 828 shall be core courses for every Master's degree candidate. The candidate will thereafter choose his/her animal species for specialization also as a core course. Other courses can then be selected as electives as will be suggested by the departmental PG Committee or team of Supervisor(s)

PH.D DEGREE PROGRAM

PHILOSOPHY AND OBJECTIVES

The Postgraduate Program of the Department is to train experts in the areas of advance research in Diagnosis, Prevention, Treatment and Control of infectious and non-infectious diseases of domestic and non-domesticated including zoo animals and poultry. The graduates are expected to apply their knowledge to relieve animal pain, enhance animal health and productivity and any other problems caused by animal diseases.

The postgraduate program is aimed at teaching advanced Veterinary education to students and to produce Veterinarians with specialization and in depth knowledge in one animal species. The students are awarded the degree of Doctor of Philosophy (Ph.D) at the end of the training.

CAREER PROSPECTS

Successful Ph.D holders from the department have careers opportunities as academics in the Universities, higher/Research Institutions, industry, civil service and private establishments. They can also be self-employed.

NATURE OF PROGRAMME

The student may specialize in any of the following areas:

- Avian Medicine
- Ruminant Medicine ·Small animal Medicine ·Swine Medicine ·Ethno veterinary Medicine ·Equine Medicine

·Aquatic Medicine ·Wild life
Medicine

DURATION OF THE PROGRAM

The duration of the program is as follows:

(i) **Full Time** - 4 Semester – Minimum
- 6 Semester – Maximum as per page 12 of the University PG regulations.

Part Time - 6 Semesters Minimum

10 Semesters Maximum as per page 12 of PG Regulations of the University.

ADMISSION REQUIREMENTS

Admission requirements are as stipulated in the University PG Handbook on general regulations for Postgraduate diplomas and higher degrees of the University of Agriculture, Makurdi. Candidates with the M.V.Sc./M.Sc. degree must have average CGPA of ≥ 3.5 (equivalent to 60% or above grade) to qualify for admission. Only candidates with the DVM degree are qualified for admission into the program.

MODE OF EXAMINATION

TOTAL CREDIT HOURS:The minimum total credit hours for the program shall be 24

MODE OF PROSECUTION:

The Ph.D program shall be pursued by course work and Comprehensive Research to be embodied in a thesis. Candidates may be required to take some courses at lower level to remedy deficiencies of prepare them adequately for their research and must present seminars as conditions for graduation. The Ph.D Degree shall be awarded to a candidate after a successful oral defense of his/her thesis.

Research to be embodied in a thesis. Candidates may be required to take some courses at lower level to remedy deficiencies of prepare them adequately for their research and must present seminars as conditions for graduation. The Ph.D Degree shall be awarded to a candidate after a successful oral defense of his/her thesis.

PRESENTATION OF SEMINAR

The Doctorate degree students shall present at least three 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 shall be midterm within the research work to assess the progress being made with the work. The third is at end of his/her work before the defense 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 PROGRAM IN VETERINARY MEDICINE

FIRST SEMESTER

| COURSE NO. | TITLE |
|-------------------|--------------------------------------|
| VMD 911 | Advanced Diagnostic Medicine |
| VMD 912 | Veterinary Clinics and Farm Practice |
| VMD 913 | Seminars |
| * | |
| VMD 914 | Advance Herd Health Medicine |
| VMD 915 | Advance Clinical Medicine |
| VMD 916 | Advance Research Techniques |
| * | |
| VMD 917 | Advance Ruminant Medicine |
| * | |
| VMD 918 | Advance Equine Medicine |
| TOTAL | |

Optional Course

SECOND SEMESTER

| COURSE NO. | TITLE | UNITS |
|-------------------|-------------------------------|--------------|
| *VMD 921 | Advance Small Animal Medicine | 2 |
| *VMD 922 | Advance Swine Medicine | 2 |
| *VMD 923 | Advance Avian Medicine | 2 |
| *VMD 924 | Advance Aquatic Medicine | 2 |
| *VMD 925 | Advance Wild Life Medicine | 2 |
| VMD 926 | Special Problem | 2 |
| TOTAL | | 12 |

*Optional Course

Core Courses: VMD 911, VMD 912, VMD 913, VMD 914, VMD 915, VMD 916, VMD 926 VMD 999 shall be core courses for every Ph.D candidate. Thereafter the candidate will choose his/her species for specialization as a core course which normally should follow from his/her Master's work.