**Veterinary Education and Curriculum Development: Mozambique**

**OIE SEMINAR ON**

Veterinary Education in Southern Africa: matching supply & demand

Dâcia Correia
Eduardo Mondlane University
Arusha, 2009

---

**The Veterinary Faculty - EMU**

- **Student Population**
  - Total: 210
    - Female: 95
    - Male: 115

- **Lecturers**:
  - 42 full time lecturers
    - Female: 24
    - Male: 18
  - 10 part time lecturers

---

**The Veterinary Faculty - EMU**

- **Technical-Administrative staff**: (97)
  - 26 administrative and library
  - 23 laboratories and clinic
  - 21 Farm
  - 27 auxiliary

---

**The Veterinary Faculty - EMU**

- **Facilities**:
  - 8 ha campus
  - Teaching facilities for classes up to 30 students
  - Research labs (Ex: Molecular Biology; Food Microbiology)

---

**The Veterinary Faculty - EMU**

- **Facilities (Cont’d)**:
  - Library with reading room for 50 people
  - Computer Lab for 25 people
The Veterinary Faculty - EMU

- **Facilities (Cont’d):**
  - Veterinary school hospital

---

The Veterinary Faculty - EMU

- **Facilities (Cont’d):**
  - Animal production facilities

---

The Veterinary Faculty - EMU

- **Departments (4 academic, 1 non-academic):**
  - Pre-Clinical
  - Para-Clinical
  - Clinical
  - Animal Production
  - IDU (Information and Documentation Unity)

---

Undergraduate curriculum

- **Entry requirements:**
  - Standard 12 (sciences with Biology or equivalent)

- **Annual intake:**
  - Mean - 25 (but 2009-50) students per academic year

- **Annual Graduation:**
  - Mean – 18 (last 15 years)

---

Undergraduate Curriculum

- **Length of academic year:**
  - 32 weeks (16 weeks per semester) + July Practical activities
    - 1st semester: February – June
    - 2nd Semester: August - December


---

Study Plan
2003 Curriculum

- Two lecturing cycles (11 semesters: 4970 hours)
  - Basic Cycle:
    - 1st – 3rd year
    - 34 Subjects
    - 2416 hours
Study Plan 2003 Curriculum

- Project elaboration: 6 months – 400 hours
  - Clinical Placement
  - Research Project
    - Written dissertation and Viva
    - Can only present the dissertation after conclusion of all subjects

Study Plan 2003 Curriculum

- Clinic/Zootecnic cycle:
  - 4th – 5th year
  - 15 Subjects
  - 1,674 hours
  - Entry requirement: Conclusion of Basic Cycle

Study Plan 2003 Curriculum

- Other Curricular activities (July activities): 480 hours
  - Veterinary Nursing training – 21 days (1st year students)
  - Practical Activities in Farms: 21 days (2nd year students)
  - Aquaculture Course – 10 days (3rd year students)
  - Beekeeping Course – 10 days (3rd year students)
  - Meat and Fish Inspection – 21 days (4th year students)

Graduation in Veterinary Medicine
**Quality assurance**

- Monitoring:
  - Lecture evaluation by students
  - Stakeholders evaluation of graduates
  - Class attendance by other colleagues
  - Lecturer Self evaluation
  - Networking with Centre for Academic Development

**Quality assurance**

- Others:
  - Pedagogical training courses
  - Promotion of post-grade studies
  - Regular curriculum review
  - Self Evaluation Report

**2009 Curriculum Review**

( In Discussion)

- Two graduation cycles (10 semesters)
  - First Cycle: 3 years – Licentiate in Animal Science
  - Second Cycle: 2 years – MV (Master in Veterinary:
    - Three Differenciations:
      - Veterinary Medicine
      - Veterinary Public Health
      - Animal Production

**Postgraduate programmes**

- MSc programme in Veterinary Science to be launched in 2010

Areas:
  - Veterinary Preventive Medicine
  - Veterinary Public Health
  - Biomedical Laboratory Diagnoses

With Cooperation of:
  - University of Pretoria
  - Universidade Técnica de Lisboa
  - Universidade de São Paulo
  - Norwegian School of Veterinary Sciences

**Continuing education courses**

- Meat and Fish Inspection – Twice a Year
- Small Animal Clinics – once a year
- Others: On request (Ex: animal production and health for veterinary para-professionals and Farmers; Draught Animal Course)

**Constraints**

- Junior lecturing staff
- Lack of specialization due to a broad curricular definition
- Limited Practical training
- Weak Wildlife programme
- Insufficient budget
- Weak ITC facilities
- Transport availability
Recommendations

1. Seek funding to establish a communication platform to increase the dynamics between Faculties:
   - Deans
   - Curriculum Committee (to define and monitor)
     1. Minimal requirements in terms of
        - Course Subject
        - Hours per subject
        - Contact Hours
        - Clinical cases per student
        - Etc.

Recommendations (Cont’d)

2. SADC Veterinary Faculties position in relation to “Bologna Declaration”

- Curriculum Committee (Cont’d)
- Basic facilities and equipment requirements
- Admission Criteria
- Recommended literature
- Student assessment
- Etc.

Thank you!