

# Master in Agroforestry, Ecology and Adaptation, Cheikh Anta Diop University of Dakar

## **Objectives:**

The programme aims to form senior managers in the areas of management of natural and cultivated ecosystems, adaptation to environmental stresses of plant species and in quantitative analysis and modelling of the interactions of living beings and biophysical environment.

## **Structure and content:**

### **Semester 1**

- M1AFECA01: Data analysis
- M1AFECA02: Business management
- M1AFECA03: Quality management
- M1AFECA04: Communication
- M1AFECA05: Bibliographic research and scientific writing

### **Semester 2**

- M1AFECA06: General concepts of Agroforestry
- M1AFECA07: Ecology of Ecosystems
- M1AFECA08: Ecophysiology (Physiology of adaptation)
- M1AFECA09: Policies and agricultural development
- M1AFECA10: Development and management of protected areas and wetlands

### **Semester 3**

- M2AFECA11: Research methodologies and tools
- M2AFECA12: Data Analysis and Management Tools in Agroforestry
- M2AFECA13: Project Analysis and Environmental Assessment
- M2AFECA14: Socio-Economic Issues of Agrosilvopastoral Systems
- M2AFECA15: Risk and Crisis Management in Agrosilvopastoral Systems
- M2AFECA16: Techniques and valorization in Ethnobiology

### **Semester 4**

- M2AFECA17: Field Work
- M2AFECA18: Thesis writing and defence

**Total credits: 120**