

Master in Management of Protected areas, natural grassland and wildlife, University of Abomey Calavi

Objectives:

The global objective of the master programme is to build capacity of students from West Africa and other regions for sustainable management of Protected Areas and Natural Grasslands.

Structure and content:

Semester 1

- 1- Animal Ecology
 - Knowledge on wildlife
 - Animal ethology
 - Pastoral hydrolic
- 2- Applied statistics
 - Linear models
 - Multivariate analyses
 - Biological phenomenon modelling
- 3- Landscape dynamics
 - GIS & teledetection
 - Mapping
 - Climate change & biodiversity
- 4- Stage: Census techniques of natural resources
- 5- Knowledge on natural resources
 - Measure of biodiversity
 - Population genetics
 - Sociology of natural resources and conflicts management

Semester 2

- 1- Ecology of ecosystems
 - Ecology of savannah and arid zones
 - Ecology of forest and humid zones
 - Ecology of natural rangelands and ecological restoration
- 2- Management of Natural Resources
 - Ethnobotany and applied botany
 - Sustainable management of forest, convention-law & certification
- 3- Field works & training in peripheric zones
- 4- Study of non timber forest products
 - Assessment of Non Timber Forest Products
 - Applied mycology
 - Economy of NTFP
- 5- Communication

- Scientific English
- Seminars & scientific writing
- 6- Mountainside pelvis et Hydrobiology
- Applied Hydrology
- Operational hydrology

Semester 3

- 1- Management techniques
 - Wildlife census
 - Integrated management of Protected areas
 - Protected areas categories and surveillance methods
- 2- Management of ranching
 - Management of Synergetic zone, community zones & game valorisation
 - Plan and monitoring of conservation project
 - Game farming, game ranching, red list and gap analysis
- 3- Pastoralism
 - Management of natural rangelands
 - Parasitology
 - Animal pathology
- 4- Training in administration and management of protected areas
- 5- Biomonitoring
 - Biomonitoring and key wildlife species
 - Risk assessment, status of threatened species and indicators of biodiversity conservation

Semester 4

- 1- Training Unity
- 2- Field Work
- 3- Thesis writing & Defence

Total credits: 240 credits (60 credits per semester)