**Licence Parasitology**

Parasitology is a branch of zoology that studies the role of animals in the transmission or induction of disease. This speciality proposes a fundamental teaching. This will allow students currently at the end of the licence cycle "Parasitology" to continue their training in the second course of the LMD system and with the aim of pursuing research studies to obtain a Doctorate.Possibility of creating a group analysis laboratory, of opening private offices of extension and public prophylaxis (through ANSEJ or Bank...)

-Possibility of professional activities in specialised structures (veterinary laboratories, slaughterhouses, hospital laboratories, research centres, industrial food processing units, etc.).

-Application in industrial microbiology, food safety and environmental protection. Municipal hygiene offices. Services for the control of nosocomial transmission diseases in hospitals Forestry Directorate, Assistance in the sanitary monitoring of exotic animals in zoos (screening, serology, extension)

**Semestrer 1**

U E Fundamental :

* General and organic chemistry
* Cell biology
* Mathematics Statistics

U E Methodology

* Geology
* Communication and Expression Techniques 1 (in French)

U E Descovery

* Working Method and Terminology 1

U E Transversal

* Universal History of Biological Sciences

**Semester 2**

U E Fundamental :

* Thermodynamics and chemistry of
* solutions
* Plant Biology
* Animal Biology

U E Methodology

* Physics
* Communication and Expression Techniques Expression 2 (in English)

U E Descovery

* Life sciences and socio-economic impacts

U E Transversal

* Working Method and Terminology 2

**Semester 3**

U E Fundamental Code : UEF 2.1.1:

* Zoology

U E Fundamental Code : UEF 2.1.2

* Biochemistry
* Genetics

U E Methodology

* Biophysics
* Communication and Expression Techniques Expression 2 (in English)

U E Descovery

* Environment and Sustainable Development

U E Transversal

* University Ethics and Deontology

**Semester 4**

U E Fundamental Code : UEF 2.1.1:

* Botanics

U E Fundamental Code : UEF 2.1.2

* Microbiology
* Immunology

U E Methodology

* Scientific methodology and techniques for the study of life
* Biostatistics

U E Descovery

* General ecology

U E Transversal

* Computer tools

**Semester 5**

U E Fundamental Code : UEF 2.1.1:

* Bacteriology 1
* Fundamental Virology

U E Fundamental Code : UEF 2.1.2

* Protozoa and
* Metazoan parasites

U E Methodology

Methods of studying Protozoa

* Methods of studying Metazoa

U E Descovery

* Histology and physiology of mammals

U E Transversal

* English

**Semester 6**

U E Fundamental

* Mycology
* Parasite vectors
* Parasitic zoonoses

U E Methodology

* Parasite diagnosis
* Health and safety

U E Descovery

* Parasite ecology

U E Transversal

* Entrepreneurial