

## Teaching programme:

### Teaching Unit – Year 1 (L1), Semester 1

#### Core Courses (UE fondamentales)

- General and Organic Chemistry
- Cell Biology
- Statistical Mathematics

#### Methodology Courses (UE méthodologie)

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

#### Exploratory Courses (UE découverte)

- Study Methodology and Terminology 1

#### Cross-Disciplinary Courses (UE transversal)

- Universal History of Biological Sciences
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### Teaching Unit – Year 1 (L1), Semester 2

#### Core Courses

- Thermodynamics and Solution Chemistry
- Plant Biology
- Animal Biology

#### Methodology Courses

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

#### Exploratory Courses (UE découverte)

- Life Sciences and Socio-Economic Impacts

#### Cross-Disciplinary Courses (UE découverte)

- Study Methodology and Terminology 2
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### Teaching Unit – Year 2 (L2), Semester 3

#### Core Courses

- Zoology
- Biochemistry
- Genetics

#### Methodology Courses

## Full Curriculum

- Communication and Expression Techniques (in English)
- Biophysics

#### **Exploratory Courses (UE découverte)**

- Environment and Sustainable Development

#### **Cross-Disciplinary Courses (UE découverte)**

- University Ethics and Deontology
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### **Teaching Unit – Year 2 (L2), Semester 4**

#### **Core Courses**

- Botany
- Microbiology
- Immunology

#### **Methodology Courses**

- Scientific Methodology and Techniques for Studying Living Organisms
- Biostatistics

#### **Exploratory Courses (UE découverte)**

- General Ecology

#### **Cross-Disciplinary Courses (UE découverte)**

- Computer Tools
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### **Teaching Unit – Year 3 (L3), Semester 5**

#### **Core Courses (UEF 1 - Required/Elective)**

- Embryonic Development
- Functional Histology
- Comparative Anatomy of Vertebrates

#### **Methodology Courses**

- Technical Approaches in Biological Analysis
- Theoretical Foundations of Molecular Biology

#### **Exploratory Courses (UE découverte)**

- Bioinformatics

#### **Cross-Disciplinary Courses (UE découverte)**

- English
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### **Teaching Unit – Year 3 (L3), Semester 6**

#### **Core Courses (UEF 1 - Required/Elective)**

- Physiology of Major Functions

- Functional Endocrinology
- Cellular and Molecular Physiology

**Methodology Courses**

- Applied Methods in Molecular Biology
- Animal Experimentation

**Exploratory Courses (UE découverte)**

- Biostatistics

**Cross-Disciplinary Courses (UE découverte)**

- English