



## Organisation

### Contrôle des connaissances

[Télécharger le règlement des études et charte des examens](#)

[Télécharger les modalités de contrôle des connaissances](#)

## Modalité d'accès

### Admission

Pour les étudiants français candidatant en première année : [Parcoursup](#)

Pour les étudiants français candidatant en deuxième ou troisième année : [eCandidat](#) (en cas de problème de connexion, utilisez la touche F5 de votre clavier)

Pour les étudiants étrangers : [Comment s'inscrire](#)

**Attention** : à partir de deux années d'interruption d'études consécutives, vous ne devez pas candidater sur eCandidat. Vous relevez de la Formation Continue ( [Adultes en reprise d'études](#)) vous devez contacter le Service Commun de Formation Continue : ✉ [fc@univ-evry.fr](mailto:fc@univ-evry.fr)

## Programme

### 1ere annee

#### Semester 1

##### Transversal and languages disciplines

- Comprehensive English 4 ECTS

##### Biology chemistry

- Introduction to life sciences and health 1.5 ECTS  
- Inorganic and analytical chemistry 4.5 ECTS

- Experiments in inorganic and analytical chemistry 2.5 ECTS

##### Support disciplines

- Calculus (IV) 5.5 ECTS  
- Fondamentals of Object-oriented Programming in C++ 2.5 ECTS

#### Semester 2

##### Transversal and languages disciplines

- Methodology (I) 1.5 ECTS

##### Biology chemistry

- Organic chemistry 3.5 ECTS  
- Experiments in organic chemistry 2.5 ECTS  
- Experiment in general biology (I) 2.5 ECTS  
- General biology (I) 4 ECTS

##### Support disciplines

- Probability Theory 3 ECTS  
- Medical physics 4.5 ECTS  
- Experiment of physics (I) 2.5 ECTS

### 2eme année

#### Semester 3

##### Transversal and languages disciplines

- PIX digital skills 1.5 ECTS

##### Biology chemistry

- Chemistry biology : at the origins of life 1.5 ECTS  
- Biochemistry (I) 3.5 ECTS  
- Experiments in biochemistry (I) 2 ECTS  
- Cellular biology 4 ECTS  
- Experiments in cellular biology 2 ECTS

##### Support disciplines

- Thermochemistry 2.5 ECTS  
- Structure of matter 1.5 ECTS  
- Mathematics for biology (MSV10-I) 1.5 ECTS

#### Semester 4

##### Support disciplines

- Bioinformatics 2.5 ECTS

##### PPEI (Personal study and integration project)

- PPEI (Personal study and integration project) 2 ECTS

##### Transversal and languages disciplines

- Methodology (II)	1 ECTS
<b>Biology chemistry</b>	
- Genetics	3 ECTS
- Experiments in genetics	2.5 ECTS
- Microbiology	3 ECTS
- Experiments microbiology	1.5 ECTS
- Biochemistry (II)	3 ECTS
- Molecular Biology	4 ECTS
- Laboratory for Molecular Biology	2 ECTS
- Experiments in biochemistry (II)	2 ECTS

## 3eme année

### Semester 5

#### Support disciplines

- Mathematics for biology (MSV10-II)	1.5 ECTS
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#### Transversal and languages disciplines

- History of science	1.5 ECTS
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#### Biology chemistry

- Plant physiology (I)	2.5 ECTS
- Immunology lab	2 ECTS
- Anatomy and physiology	4 ECTS
- Immunology	3 ECTS
- Laboratory for anatomy and physiology	2.5 ECTS
- Virology	3 ECTS

### Semester 6

#### Transversal and languages disciplines

1 option(s) au choix parmi 2

- French (I)	2.5 ECTS
- Chinese (I)	2.5 ECTS

#### Biology chemistry

- Principale of gene engineering or another disciplinary	2.5 ECTS
- Plant physiology (II)	2.5 ECTS
- Genomics	3 ECTS
- Introduction to synthetic biology	2.5 ECTS
- Animal physiology (II)	3 ECTS

#### PPEI (Personal study and integration project)

- PPEI (Personal study and integration project)	2 ECTS
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#### Support disciplines

- Bio computing (sequence analysis)	2.5 ECTS
- Optics and radiation	2.5 ECTS

## 4eme année

### Semester 7

#### Biology chemistry

- Neurobiology or another disciplinary teaching unit	2.5 ECTS
- Regulation of gene expression	3.5 ECTS
- Principle of cell engineering or another disciplinary	2.5 ECTS
- Comprehensive experiments in bioscience	2.5 ECTS
- Stem cells & Regenerative medicine or another disciplinary	2.5 ECTS

#### Transversal and languages disciplines

- Experimental processes	2 ECTS
- Choix langues	

#### PPEI (Personal study and integration project)

- PPEI (personal study and integrative project)	2 ECTS
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### Semester 8

#### PPEI (Personal study and integration project)

- PPEI (Personal study and integration project)	2 ECTS
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#### Transversal and languages disciplines

- English for European certification	3.5 ECTS
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#### Biology chemistry

- Undergraduate thesis (16w) Chinese and French management	20 ECTS
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